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ASI 504 Clear

Section 1: Product and Company Identification

American Sealants, Inc. 9190 Yeager Ln Fort Wayne, Indiana 46809 Phone: 260-489-0728 Fax: 260-489-0519

Product Identifier: Recommended Use: Restrictions on Use: ASI 504 Clear Adhesive None known Emergency Phone Number Infotrac: +1-800-535-5053 (Within US) Infotrac: +1-352-323-3500 (Outside US)

Section 2: Hazard(s) Identification	n
GHS Classification:	Not a hazardous substance or mixture.
Acute Effects:	No information on significant adverse effects.
Delayed Effects: Indication of Immediate Medical Attention and Special Treatment	No information on significant adverse effects.
Needed, If Needed:	Treat symptomatically and supportively.
GHS Label Elements	
Symbol(s):	None.
Signal Word:	None.
Hazard Statement(s):	None known.
Precautionary Statement(s)	
Prevention:	Use only outdoors or in a well-ventilated area.
	Avoid release to the environment.
Response:	None known.
Storage:	Keep in properly labeled containers. Store in accordance with the particular national regulations.
Disposal:	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Ingredients

CAS	Component	Percent
64742-46	-7 Distillates (petroleum), hydrotreated middle	20 - <30
7631-86-	9 Silicon dioxide	5 - <10

Section 4: First-Aid Measures	
Inhalation:	IF INHALED: Remove to fresh air. Get medical attention if symptoms occur.
Skin Contact:	IF ON SKIN: Wash with soap and water as a precaution. Get medical advice/attention if symptoms occur.
Eye Contact:	IF IN EYES: Flush eyes with water as a precaution. If eye irritation develops and persists: Get medical advice/attention.
Ingestion:	If swallowed, DO NOT induce vomiting. Get immediate medical attention if symptoms occur. Rinse mouth thoroughly with water.

Section 5: Fire-Fighting Measures	
Suitable Extinguishing Media:	Use carbon dioxide, regular dry chemical, alcohol-resistant foam or water.
Unsuitable Extinguishing Media:	None known.
Specific Hazards Arising from the Chen	nical
Hazardous Decomposition Products:	Upon decomposition, this product emits carbon oxides, silicon oxides, and formaldehyde.
Special Protective Equipment and	
Precautions for Firefighters:	Exposure to combustion products may be a hazard to health. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.
Specific extinguishing methods:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers.
	Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Section 6: Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures:	Follow safe handling advice and personal protective equipment recommendations.
Environment Precautions:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminate wash

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	water. Local authorities should be advised if significant spillages cannot be contained.
Methods and Materials for Containment and Cleaning Up:	Absorb with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.

Section 7: Handling and Storage	
Precautions for Safe Handling Protective Measures:	Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.
Advice on General Occupational Hygiene:	Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. Wash contaminate clothing before reuse.
Conditions for Safe Storage, including any Incompatibilities:	Store and handle in accordance with all current regulations and standards. Keep in properly labeled containers. Keep separated from incompatible substances.
Incompatibilities:	Strong oxidizing materials

Component Expo		
CAS	Component	Exposure Limits
	Distillates (petroleum),	OSHA Z-1: 5 mg/m3 TWA (mist)
64742-46-7	hydrotreated middle	OSHA PO: 5 mg/m3 TWA (mist)
	injulotreated initiale	NIOSH REL: 5 mg/m3 TWA (mist); 10 mg/m3 ST (mist)
		OSHA Z-3: 20 million particles/ft3 (Silica) TWA (dust); 80
= = = = = = = = = = = = = = = = = = = =		mg/m3 / %SiO2 (Silica) TWA (dust)
7631-86-9	Silicon dioxide	NIOSH REL: 6 mg/m3 (Silica) TWA
Appropriate Engi	Ensure	sing may form hazardous compounds (see section 10). adequate ventilation, especially in confined areas. Ensure ance with applicable exposure limits.

Individual Protection Measures Eye/Face Protection:	Wear safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
Skin Protection:	Skin should be washed after contact.
Hand Protection:	Wash hands before breaks and at the end of workday.
Respiratory Protection:	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Section 9: Physical and Ch	nemical Properties		
Physical State:	Liquid	Appearance:	Paste
Color:	Colorless	Physical Form: :	Paste
Odor:	Acetic Acid	Odor Threshold:	Not available
pH:	Not applicable	Melting Point:	Not available
Boiling Point:	Not applicable	Decomposition:	Not available
Flash Point:	Not applicable	Evaporation Rate:	Not applicable
OSHA Flammability Class:	Not classified as a	Vapor Pressure:	Not applicable
	flammability hazard		
Vapor Density (air = 1):	Not available	Density:	0.96
Specific Gravity (water = 1):	Not available	Water Solubility:	Not available
Log KOW:	Not available	Coeff. Water/Oil Dist:	Not available
KOC:	Not available	Auto Ignition:	Not available
Viscosity:	Not applicable	VOC:	Not available
Volatility:	Not available	Molecular Formula:	Not available

Section 10: Stability and Reactivity	
Reactivity:	Not classified as a reactivity hazard.
Chemical Stability:	Stable at normal temperatures and pressure.
Possibility of Hazardous Reactions:	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic acid is formed upon contact with water or humid air. When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released. See OSHA formaldehyde standard, 29 CFR 1910.1048 Hazardous decomposition products will be formed at elevated temperatures.

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Conditions to Avoid:	None known.
Incompatible Materials:	Strong oxidizing materials
Hazardous Decomposition Products:	Upon decomposition, this product emits carbon oxides, silicon oxides, and formaldehyde.

Section 11: Toxicological Information								
<u>Acute Toxicity</u> Component Aı	nalysis – LD50/LC50							
CAS	Component		Result	Species	Dose	Exposure		
)	LD50 Oral	Rat	>5000 mg/kg	N/A		
	Distillates (petroleum), hydrotreated middle		LC50 Inhalation	Rat	1.78 mg/L	4 hr		
hydrotreated middl		3	LD50 Dermal	Rat	>2000 mg/kg	N/A		
			LD50 Oral	Rat	>3300 mg/kg	N/A		
7631-86-9	Silicon dioxide		LC50 Inhalation	Rat	>2.08 mg/L	4 hr		
				Rabbit	>5000 mg/kg	N/A		
Ingestion:		Not class	ified based on avail	able informa	tion.			
Indection		Not class	ified based on avail	able informa	tion			
Skin Contact:		Not classified based on available information.						
Eye Contact: Not clas			ot classified based on available information.					
Immediate Effects: Not cla			Not classified based on available information.					
Delayed Effects: N		No information is available.						
Medical Condi Exposure:	tions Aggravated by	No inforr	nation is available.					
Irritation/Corrosivity Data:		Not classified based on available information.						
Respiratory Sensitization:		Not classified based on available information.						
Dermal Sensiti	zation:	Not classified based on available information.						
Germ Cell Mut	agenicity:	Not class	Not classified based on available information.					
Carcinogenicity:			ot classified based on available information.					

Component Carcinogenicity

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, OSHA, and NTP.				
Reproductive Toxicity:	Not classified based on available information.			
Specific Target Organ Toxicity – Single Exposure:	No target organs identified.			
Specific Target Organ Toxicity – Repeated Exposure:	No target organs identified.			
Aspiration Hazard:	Not classified based on available information.			

Section 12: Ecological Information			
Ecotoxicity No information available for th	he product.		
Component Analysis – Aquatic To No information available for th	-		
Persistence and Degradability:	No information available for the product.		
Bioaccumulative Potential:	No information available for the product.		
Mobility in Soil:	No information available for the product.		
Biodegration:	No information available for the product.		

Section 13: Disposal Considerations				
Disposal Methods:	Dispose in accordance with all applicable federal, state/regional and local laws and regulations. This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.			
Disposal of Contaminated Packaging:	Dispose of unused product properly. Empty containers should be taken to an approved waste handling site for recycling or disposal.			
Component Waste Numbers:	The U.S. EPA has not published waste numbers for this product's components.			

Section 14: Transport Information

International Regulation	
UNRTDG:	Not regulated as a dangerous good.
IATA-DGR:	Not regulated as a dangerous good.
IMDG-Code:	Not regulated as a dangerous good.
Transport in bulk according to Annex	
II of MARPOL 73/78 and the IBC Code:	Not applicable for product as supplied.
Domestic Regulation	
49 CFR:	Not regulated as a dangerous good.

US Federal	Regulations				
SARA 302 I	Extremely Hazard	lous			
Substances	•		tained in product.		
SARA 304: Not applic		cable.			
SARA 311/	312:	None kno			
SARA 313:		None kno	wn.		
TSCA:		All compo	onents of this product a	re listed o	n TSCA Inventory.
CERCLA Re	portable Quantit	y:			
CAS	Component		Component RQ (lbs)	Calculat	ed Product RQ (lbs)
108-24-7	Acetic anhydri	de	5000	Exceeds	reasonably attainable upper limit
64-19-7	Acetic acid		5000	Exceeds	reasonably attainable upper limit
	-				
US State R Pennsylvar	egulations nia Right To Know CAS 70131-67-8 64742-46-7 7631-86-9 64-19-7	Component Dimethyl siloxa	ne, hydroxy-terminated oleum), hydrotreated n		Percent 50-70% 20-30% 5-10% 0-0.1%
	nia Right To Know CAS 70131-67-8 64742-46-7 7631-86-9	Component Dimethyl siloxa Distillates (petr Silicon dioxide	oleum), hydrotreated n		50-70% 20-30% 5-10%
Pennsylvar	nia Right To Know CAS 70131-67-8 64742-46-7 7631-86-9 64-19-7	Component Dimethyl siloxa Distillates (petr Silicon dioxide Acetic acid	oleum), hydrotreated n		50-70% 20-30% 5-10% 0-0.1%
Pennsylvar	nia Right To Know CAS 70131-67-8 64742-46-7 7631-86-9 64-19-7 108-24-7	Component Dimethyl siloxa Distillates (petr Silicon dioxide Acetic acid	oleum), hydrotreated n		50-70% 20-30% 5-10% 0-0.1%
Pennsylvar	Aria Right To Know CAS 70131-67-8 64742-46-7 7631-86-9 64-19-7 108-24-7 / Right To Know	Component Dimethyl siloxa Distillates (petr Silicon dioxide Acetic acid Acetic anhydrid	oleum), hydrotreated n	niddle	50-70% 20-30% 5-10% 0-0.1% 0-0.1%
Pennsylvar	ria Right To Know CAS 70131-67-8 64742-46-7 7631-86-9 64-19-7 108-24-7 Y Right To Know CAS	Component Dimethyl siloxa Distillates (petr Silicon dioxide Acetic acid Acetic anhydrid Component Dimethyl siloxa	oleum), hydrotreated n le	niddle	50-70% 20-30% 5-10% 0-0.1% Percent
Pennsylvar	Aria Right To Know CAS 70131-67-8 64742-46-7 7631-86-9 64-19-7 108-24-7 / Right To Know CAS 70131-67-8	Component Dimethyl siloxa Distillates (petr Silicon dioxide Acetic acid Acetic anhydrid Component Dimethyl siloxa	oleum), hydrotreated n le ne, hydroxy-terminated	niddle	50-70% 20-30% 5-10% 0-0.1% 0-0.1% Percent 50-70%

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Silicon dioxide	CAS	US	CA	EU	AU	PH	JP	KR	CN	N
	7631-86-9	Yes	DSL	REACH	Yes	Yes	Yes	Yes	Yes	Ye
Distillates (petroleum),	64742-46-7	Yes	DSL	REACH	Yes	Yes	Yes	Yes	Yes	Ye
hydrotreated middle	04742 407	103	DJL	NEACH	103	105	105	103	103	
Section 16: Other Informat	ion									
Issue Date:	6/19/1	5								
Revision:	1									
NFPA Ratings:										
	Health: 1									
	Fire: 1									
Re	eactivity: 0		Y							
Hazard	Scale: 0 = Minima	∖ 1 = Slig	∕ ht 2 = №	1oderate 3	= Serio	ous 4 =	Severe			
HMIS III:										
	HEA	ALTH		1						
	FLA	MMABILI	ТΥ	1						
	PHY	SICAL HA	ZARD	0						
0 = Not Sig	nificant, 1 = Slight	, 2 = Mo	derate,	3 = High, 4	4 = Extr	eme, *	= Chro	nic		
Key/Legend:										
AICS (Australia); DSL (C	Canada); IECSC (Ch	ina); REA	ACH (Eu	ropean Ur	ion); El	NCS (Ja	pan); IS	SHL (Jap	an); KE	CI
(Korea); NZIoC (New Z	ealand); PICCS (Ph	ilippines); TCSI (Taiwan); T	SCA (U	SA); AC	GIH – l	JSA. AC	GIH	
مريام لالجنوب الملم ومعمو معرفة المراجع	; (TLV); NIOSH REL									A.
			1910.10	00; OSHA	Z-1 – U		•	-		
OSHA – TABLE Z-1 Lim										
OSHA – TABLE Z-1 Lim Limits (OSHA) – Table I										
OSHA – TABLE Z-1 Lim Limits (OSHA) – Table 3 (OSHA) – Table Z-3 Mir	neral Dusts; ACGIH	I / TWA ·	– 8-hou	r, time-we	ighted	averag	e; NIOS	H REL /	TWA –	
OSHA – TABLE Z-1 Lim Limits (OSHA) – Table Z (OSHA) – Table Z-3 Min Time-weighted averag	neral Dusts; ACGIH e concentration fo	I / TWA · or up to a	– 8-hou a 10-hou	r, time-we ur workday	ighted / during	averag g a 40-ł	e; NIOS nour wo	H REL / prkweel	TWA – k; NIOS	Н
OSHA – TABLE Z-1 Lim Limits (OSHA) – Table Z (OSHA) – Table Z-3 Min Time-weighted averag REL / ST – STEL – 15-m	neral Dusts; ACGIH e concentration fo inute TWA exposu	I / TWA - or up to a re that s	– 8-hou a 10-hou should r	r, time-we ur workday ot be exce	ighted y during eeded a	averag g a 40-h it any t	e; NIOS nour wo ime dui	H REL / orkweel ring a w	TWA – k; NIOS vorkday	Н
OSHA – TABLE Z-1 Lim Limits (OSHA) – Table Z (OSHA) – Table Z-3 Min Time-weighted averag REL / ST – STEL – 15-m OSHA P0 / TWA - 8-ho	neral Dusts; ACGIH e concentration fo inute TWA exposu ur, time-weighted	I / TWA - or up to a re that s average	– 8-hou a 10-hou should r ; OSHA	r, time-we ur workday ot be exce	ighted y during eeded a	averag g a 40-h it any t	e; NIOS nour wo ime dui	H REL / orkweel ring a w	TWA – k; NIOS vorkday	Н
OSHA – TABLE Z-1 Lim Limits (OSHA) – Table Z (OSHA) – Table Z-3 Min Time-weighted averag REL / ST – STEL – 15-m	neral Dusts; ACGIH e concentration fo inute TWA exposu ur, time-weighted	I / TWA - or up to a re that s average	– 8-hou a 10-hou should r ; OSHA	r, time-we ur workday ot be exce	ighted y during eeded a	averag g a 40-h it any t	e; NIOS nour wo ime dui	H REL / orkweel ring a w	TWA – k; NIOS vorkday	Н
OSHA – TABLE Z-1 Lim Limits (OSHA) – Table Z (OSHA) – Table Z-3 Min Time-weighted averag REL / ST – STEL – 15-m OSHA P0 / TWA - 8-ho	neral Dusts; ACGIH e concentration fo inute TWA exposu ur, time-weighted	I / TWA - or up to a re that s average	– 8-hou a 10-hou should r ; OSHA	r, time-we ur workday ot be exce	ighted y during eeded a	averag g a 40-h it any t	e; NIOS nour wo ime dui	H REL / orkweel ring a w	TWA – k; NIOS vorkday	Н
OSHA – TABLE Z-1 Lim Limits (OSHA) – Table 2 (OSHA) – Table Z-3 Min Time-weighted averag REL / ST – STEL – 15-m OSHA P0 / TWA - 8-ho OSHA Z-3 / TWA - 8-ho	neral Dusts; ACGIH e concentration fo inute TWA exposu ur, time-weighted our, time-weighted	I / TWA - or up to a re that s average l average	– 8-hou a 10-hou should r ; OSHA e	r, time-we ur workday oot be exce Z-1 / TWA	ighted y during eded a - 8-hou	averag g a 40-h it any t ur, time	e; NIOS nour wo ime dui e-weigh	H REL / orkweel ring a w ted ave	TWA – <; NIOS vorkday rage;	H ;

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ASI 504 White

Section 1: Product and Company Identification

American Sealants, Inc. 9190 Yeager Ln Fort Wayne, Indiana 46809 Phone: 260-489-0728 Fax: 260-489-0519

Product Identifier: Recommended Use: Restrictions on Use: ASI 504 White Adhesive None known Emergency Phone Number Infotrac: +1-800-535-5053 (Within US) Infotrac: +1-352-323-3500 (Outside US)

Section 2: Hazard(s) Identificatio	n
GHS Classification:	Not a hazardous substance or mixture.
Acute Effects:	No information on significant adverse effects.
Delayed Effects: Indication of Immediate Medical Attention and Special Treatment	No information on significant adverse effects.
Needed, If Needed:	Treat symptomatically and supportively.
GHS Label Elements	
Symbol(s):	None.
Signal Word:	None.
Hazard Statement(s):	None known.
Precautionary Statement(s)	
Prevention:	Use only outdoors or in a well-ventilated area.
	Avoid release to the environment.
Response:	None known.
Storage:	Keep in properly labeled containers.
	Store in accordance with the particular national regulations.
Disposal:	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Ingredients

CAS	Component	Percent
64742-46-7	Distillates (petroleum), hydrotreated middle	20 - <30
7631-86-9	Silicon dioxide	5 - <10
13463-67-7	Titanium dioxide	0.1 - <1

Section 4: First-Aid Measures			
Inhalation:	IF INHALED: Remove to fresh air. Get medical attention if symptoms occur.		
Skin Contact:	IF ON SKIN: Wash with soap and water as a precaution. Get medical advice/attention if symptoms occur.		
Eye Contact:	IF IN EYES: Flush eyes with water as a precaution. If eye irritation develops and persists: Get medical advice/attention.		
Ingestion:	If swallowed, DO NOT induce vomiting. Get immediate medical attention if symptoms occur. Rinse mouth thoroughly with water.		

Section 5: Fire-Fighting Measures	
Suitable Extinguishing Media:	Use carbon dioxide, regular dry chemical, alcohol-resistant foam or water.
Unsuitable Extinguishing Media:	None known.
Specific Hazards Arising from the Chen	nical
Hazardous Decomposition Products:	Upon decomposition, this product emits carbon oxides, silicon oxides, and formaldehyde.
Special Protective Equipment and	
Precautions for Firefighters:	Exposure to combustion products may be a hazard to health. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.
Specific extinguishing methods:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
	Use water spray to cool unopened containers.
	Remove undamaged containers from fire area if it is safe to do so.
	Evacuate area.

Section 6: Accidental Release Measures				
Personal Precautions, Protective Equipment and Emergency Procedures:	Follow safe handling advice and personal protective equipment recommendations.			

Product Identifier: ASI 504 White	Document #: SDS 017 Revision: 1
Environment Precautions:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminate wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and Materials for Containment	
and Cleaning Up:	Absorb with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.

Section 7: Handling and Storage	
Precautions for Safe Handling	
Protective Measures:	Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.
Advice on General Occupational	
Hygiene:	Do not eat, drink, or smoke when using this product. Wash thoroughly after handling.
	Wash contaminate clothing before reuse.
Conditions for Safe Storage, including	Store and bandle in accordance with all surrent regulations and
any Incompatibilities:	Store and handle in accordance with all current regulations and standards. Keep in properly labeled containers.
	Keep separated from incompatible substances.
Incompatibilities:	Strong oxidizing materials

Component Expo	osure Limits	
CAS	Component	Exposure Limits
	Distillatos (potroloum	OSHA Z-1: 5 mg/m3 TWA (mist)
64742-46-7	Distillates (petroleum hydrotreated middle	OSHA P0: 5 mg/m3 TWA (mist)
	injui otreated initule	NIOSH REL: 5 mg/m3 TWA (mist); 10 mg/m3 ST (mist)
		OSHA Z-3: 20 million particles/ft3 (Silica) TWA (dust); 80 mg/m3 / %SiO2 (Silica) TWA (dust)
7631-86-9	Silicon dioxide	NIOSH REL: 6 mg/m3 (Silica) TWA
12462 67 7	Titonium diavida	ACGIH: 10 mg/m3 TWA
13463-67-7	Titanium dioxide	OSHA Z-1: 15 mg/m3 TWA (total dust)
Appropriate Engi	En	ocessing may form hazardous compounds (see section 10). sure adequate ventilation, especially in confined areas. Ensure mpliance with applicable exposure limits.

Individual Protection Measures Eye/Face Protection:	Wear safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
Skin Protection:	Skin should be washed after contact.
Hand Protection:	Wear impervious gloves. Wash hands before breaks and at the end of workday.
Respiratory Protection:	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Section 9: Physical and Ch	emical Properties		
Physical State:	Liquid	Appearance:	Paste
Color:	White	Physical Form: :	Paste
Odor:	Acetic Acid	Odor Threshold:	Not available
pH:	Not applicable	Melting Point:	Not available
Boiling Point:	Not applicable	Decomposition:	Not available
Flash Point:	Not applicable	Evaporation Rate:	Not applicable
OSHA Flammability Class:	Not classified as a	Vapor Pressure:	Not applicable
	flammability hazard		
Vapor Density (air = 1):	Not available	Density:	0.96
Specific Gravity (water = 1):	Not available	Water Solubility:	Not available
Log KOW:	Not available	Coeff. Water/Oil Dist:	Not available
KOC:	Not available	Auto Ignition:	Not available
Viscosity:	Not applicable	VOC:	Not available
Volatility:	Not available	Molecular Formula:	Not available

Section 10: Stability and Reactivity				
Reactivity:	Not classified as a reactivity hazard.			
Chemical Stability:	Stable at normal temperatures and pressure.			
Possibility of Hazardous Reactions:	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic acid is formed upon contact with water or humid air. When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released. See OSHA formaldehyde standard, 29 CFR 1910.1048 Hazardous decomposition products will be formed at elevated temperatures.			

Product Identifier: ASI 504 White

Conditions to Avoid:	None known.	
Incompatible Materials:	Strong oxidizing materials	
Hazardous Decomposition Pr	ducts: Upon decomposition, this product em and formaldehyde.	its carbon oxides, silicon oxides,

Section 11: Toxicological Information

Acute Toxicity

Component Analysis – LD50/LC50

CAS	Component	Result	Species	Dose	Exposure
		LD50 Oral		>5000 mg/kg	N/A
64742-46-7 Distillates (pe	Distillates (petroleum),	LC50 Inhalation	Rat	1.78 mg/L	4 hr
	invuloti eated initiale	LD50 Dermal	Rat	>2000 mg/kg	N/A
7631-86-9 Si	Silicon dioxide	LD50 Oral	Rat	>3300 mg/kg	N/A
		LC50 Inhalation	Rat	>2.08 mg/L	4 hr
		LD50 Dermal	Rabbit	>5000 mg/kg	N/A
13463-67-7	Titanium dioxide	LD50 Oral	Rat	>10000 mg/kg	N/A
		LC50 Inhalation	Rat	>5000 mg/kg	4 hr

Information on Likely Routes of Exposure

Inhalation:	Not classified based on available information.
Ingestion:	Not classified based on available information.
Skin Contact:	Not classified based on available information.
Eye Contact:	Not classified based on available information.
Immediate Effects:	Not classified based on available information.
Delayed Effects:	No information is available.
Medical Conditions Aggravated by Exposure:	No information is available.
Irritation/Corrosivity Data:	Not classified based on available information.
Respiratory Sensitization:	Not classified based on available information.
Dermal Sensitization:	Not classified based on available information.
Germ Cell Mutagenicity:	Not classified based on available information.

Product Identifier: ASI 504 White

Carcinogenici	ty:	Not classified based on available information.		
Component C	Carcinogenicity			
CAS	Component	Result		
13463-67-7	Titanium dioxide	IARC: Group 2B (possibly carcinogenic to humans)		
		OSHA: Not present at levels greater than or equal to 0.1% to be identified as a carcinogen or potential carcinogen		
		NTP: Not present at levels greater than or equal to 0.1% to be identified as a carcinogen or potential carcinogen		
Reproductive	Toxicity:	Not classified based on available information.		
Specific Targe Single Exposu	et Organ Toxicity – Ire:	No target organs identified.		
Specific Target Organ Toxicity – Repeated Exposure:		No target organs identified.		
Aspiration Hazard:		Not classified based on available information.		

Section 12: Ecological Information

Ecotoxicity

No information available for the product.

Component Analysis – Aquatic Toxicity

CAS	Component	Aquatic	Result	Species	Dose	Exposure
	Titanium	Fish	LC50	Rainbow trout (Oncorhynchus mykiss)	>100 mg/L	96 hr
13463-67-7		Invertebrates	EC50	Water flea (<i>Daphnia</i> <i>magna</i>)	>100 mg/L	48 hr
13403-07-7	dioxide	Algae	EC50	Marine diatom (Skeletonema costatum)	>10,000 mg/L	72 hr
		Bacteria	EC50	N/A	>1000 mg/L	3 hr
	Persistence and Degradability:No information available for the product.Bioaccumulative Potential:No information available for the product.					
Mobility in Soil: No information available for the product.						
Biodegration: No information available for the product.						

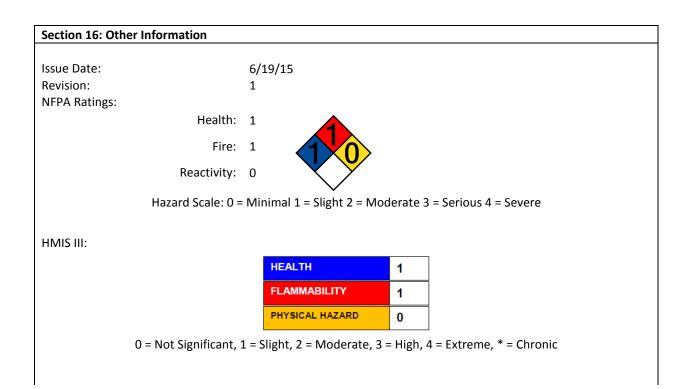
Section 13: Disposal Consideration	IS
Disposal Methods:	Dispose in accordance with all applicable federal, state/regional and local laws and regulations. This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.
Disposal of Contaminated Packaging:	Dispose of unused product properly. Empty containers should be taken to an approved waste handling site for recycling or disposal.
Component Waste Numbers:	The U.S. EPA has not published waste numbers for this product's components.

Section 14: Transport Information	
International Regulation	
UNRTDG:	Not regulated as a dangerous good.
IATA-DGR:	Not regulated as a dangerous good.
IMDG-Code:	Not regulated as a dangerous good.
Transport in bulk according to Annex	
II of MARPOL 73/78 and the IBC Code:	Not applicable for product as supplied.
Domestic Regulation	
49 CFR:	Not regulated as a dangerous good.

US Federal	Regulations			
SARA 302 E	Extremely Hazardous			
Substances	5:	None conta	ained in product.	
SARA 304:		Not applica	ıble.	
SARA 311/	312:	None know	ın.	
SARA 313:		None know	ın.	
TSCA:		All compon	ents of this product a	re listed on TSCA Inventory.
CERCLA Re	portable Quantity: Component		Component RQ (lbs)	Calculated Product RQ (lbs)
108-24-7	Acetic anhydride		5000	Exceeds reasonably attainable upper limit
	Acetic acid		5000	Exceeds reasonably attainable upper limit
64-19-7				

CAS	Component	Percent
70131-67-8	Dimethyl siloxane, hydroxy-terminated	50-70%
64742-46-7	Distillates (petroleum), hydrotreated middle	20-30%
7631-86-9	Silicon dioxide	5-10%
13463-67-7	Titanium oxide	1-5%
64-19-7	Acetic acid	0-0.1%
108-24-7	Acetic anhydride	0-0.1%
New Jersey Right To Know		
CAS	Component	Percent
70131-67-8	Dimethyl siloxane, hydroxy-terminated	50-70%
7631-86-9	Silicon dioxide	20-30%
64742-46-7	Distillates (petroleum), hydrotreated middle	5-10%
63148-62-9	Dimethyl siloxane, trimethylsiloxy-terminated	1-5%
California Proposition 65:	This product does not contain any chemic California to cause cancer or reproductive	•

component Analysis – International Inventories										
Component	CAS	US	CA	EU	AU	PH	JP	KR	CN	NZ
Distillates (petroleum), hydrotreated middle	64742-46-7	Yes	DSL	REACH	Yes	Yes	Yes	Yes	Yes	Yes
Silicon dioxide	7631-86-9	Yes	DSL	REACH	Yes	Yes	Yes	Yes	Yes	Yes
Titanium dioxide	13463-67-7	Yes	DSL	REACH	Yes	Yes	Yes	Yes	Yes	Yes



Product Identifier: ASI 504 White

Key/Legend:

AICS (Australia); DSL (Canada); IECSC (China); REACH (European Union); ENCS (Japan); ISHL (Japan); KECI (Korea); NZIOC (New Zealand); PICCS (Philippines); TCSI (Taiwan); TSCA (USA); ACGIH – USA. ACGIH Threshold Limit Values (TLV); NIOSH REL – USA. NIOSH Recommended Exposure Limits; OSHA PO – USA. OSHA – TABLE Z-1 Limits for Air Contaminants – 1910.1000; OSHA Z-1 – USA. Occupational Exposure Limits (OSHA) – Table Z-1 Limits for Air Contaminates; OSHA Z-3 – USA. Occupational Exposure Limits (OSHA) – Table Z-3 Mineral Dusts; ACGIH / TWA – 8-hour, time-weighted average; NIOSH REL / TWA – Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek; NIOSH REL / ST – STEL – 15-minute TWA exposure that should not be exceeded at any time during a workday; OSHA PO / TWA - 8-hour, time-weighted average; OSHA Z-3 / TWA - 8-hour, time-weighted average

Disclaimer:

The information contained herein is based on data considered accurate which has been obtained from other companies and organizations.

End of Document







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800.220.1966 410 Pike Road • Huntingdon Valley, PA 19006

ASI 504 Black

Section 1: Product and Company Identification

American Sealants, Inc. 9190 Yeager Ln Fort Wayne, Indiana 46809 Phone: 260-489-0728 Fax: 260-489-0519

Product Identifier: Recommended Use: Restrictions on Use: ASI 504 Black Adhesive None known Emergency Phone Number Infotrac: +1-800-535-5053 (Within US) Infotrac: +1-352-323-3500 (Outside US)

Section 2: Hazard(s) Identification	1
GHS Classification:	Not a hazardous substance or mixture.
Acute Effects:	No information on significant adverse effects.
Delayed Effects: Indication of Immediate Medical Attention and Special Treatment	No information on significant adverse effects.
Needed, If Needed:	Treat symptomatically and supportively.
GHS Label Elements	
Symbol(s):	None.
Signal Word:	None.
Hazard Statement(s):	None known.
Precautionary Statement(s)	
Prevention:	Use only outdoors or in a well-ventilated area.
	Avoid release to the environment.
Response:	None known.
Storage:	Keep in properly labeled containers. Store in accordance with the particular national regulations.
Disposal:	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Ingredients

Component	Percent
Distillates (petroleum), hydrotreated middle	20 - <30
Silicon dioxide	5 - <10
Carbon black	0.1 - <1
	Distillates (petroleum), hydrotreated middle Silicon dioxide

Section 4: First-Aid Measures		
Inhalation:	IF INHALED: Remove to fresh air. Get medical attention if symptoms occur.	
Skin Contact:	IF ON SKIN: Wash with soap and water as a precaution. Get medical advice/attention if symptoms occur.	
Eye Contact:	IF IN EYES: Flush eyes with water as a precaution. If eye irritation develops and persists: Get medical advice/attention.	
Ingestion:	If swallowed, DO NOT induce vomiting. Get immediate medical attention if symptoms occur. Rinse mouth thoroughly with water.	

Use carbon dioxide, regular dry chemical, alcohol-resistant foam or water.
None known.
mical
Upon decomposition, this product emits carbon oxides, silicon oxides, and formaldehyde.
Exposure to combustion products may be a hazard to health. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Remove undamaged containers from fire area if it is safe to do so.
Evacuate area.

Section 6: Accidental Release Measures			
Personal Precautions, Protective Equipment and Emergency Procedures:	Follow safe handling advice and personal protective equipment recommendations.		

Product Identifier: ASI 504 Black	Document #: SDS 015 Revision: 1
Environment Precautions:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminate wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and Materials for Containment	
and Cleaning Up:	Absorb with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.

Section 7: Handling and Storage	
Precautions for Safe Handling	
Protective Measures:	Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.
Advice on General Occupational	
Hygiene:	Do not eat, drink, or smoke when using this product. Wash thoroughly after handling.
	Wash contaminate clothing before reuse.
Conditions for Safe Storage, including any Incompatibilities:	Store and handle in accordance with all current regulations and standards. Keep in properly labeled containers.
	Keep separated from incompatible substances.
Incompatibilities:	Strong oxidizing materials

Component Expo	Component Exposure Limits				
CAS	Component	Exposure Limits			
	Distillator (potroloum)	OSHA Z-1: 5 mg/m3 TWA (mist)			
	Distillates (petroleum), hydrotreated middle	OSHA P0: 5 mg/m3 TWA (mist)			
		NIOSH REL: 5 mg/m3 TWA (mist); 10 mg/m3 ST (mist)			
	531-86-9 Silicon dioxide	OSHA Z-3: 20 million particles/ft3 (Silica) TWA (dust); 80 mg/m3 / %SiO2 (Silica) TWA (dust)			
/631-86-9		NIOSH REL: 6 mg/m3 (Silica) TWA			
		ACGIH: 3 mg/m3 TWA (inhalable fraction)			
1333-86-4	Carbon black	OSHA Z-1: 3.5 mg/m3 TWA			
		NIOSH REL: 3.5 mg/m3 TWA			

	Ensure adequate ventilation, especially in confined areas. Ensure compliance with applicable exposure limits.
Individual Protection Measures Eye/Face Protection:	Wear safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
Skin Protection:	Skin should be washed after contact.
Hand Protection:	Wear impervious gloves. Wash hands before breaks and at the end of workday.
Respiratory Protection:	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Section 9: Physical and Chemical Properties

Product Identifier: ASI 504 Black

Physical State:	Liquid	Appearance:	Paste
Color:	Black	Physical Form:	
Odor:	Acetic Acid	Odor Threshold:	Not available
pH:	Not applicable	Melting Point:	Not available
•	Not applicable	Decomposition:	Not available
•	Not applicable	Evaporation Rate:	Not applicable
OSHA Flammability Class:	Not classified as a	Vapor Pressure:	Not applicable
	flammability hazard		
Vapor Density (air = 1):	, Not available	Density:	0.96
Specific Gravity (water = 1):	Not available	Water Solubility:	Not available
Log KOW:	Not available	Coeff. Water/Oil Dist:	Not available
KOC:	Not available	Auto Ignition:	Not available
Viscosity:	Not applicable	VOC:	Not available
Volatility:	Not available	Molecular Formula:	Not available

Section 10: Stability and Reactivity	τ γ
Reactivity:	Not classified as a reactivity hazard.
Chemical Stability:	Stable at normal temperatures and pressure.
Possibility of Hazardous Reactions:	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic acid is formed upon contact with water or humid air. When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released.

Product Identifier: ASI 504 Black

Document #: SDS 015 Revision: 1

	See OSHA formaldehyde standard, 29 CFR 1910.1048 Hazardous decomposition products will be formed at elevated temperatures.
Conditions to Avoid:	None known.
Incompatible Materials:	Strong oxidizing materials
Hazardous Decomposition Products:	Upon decomposition, this product emits carbon oxides, silicon oxides, and formaldehyde.

Section 11: Toxicological Information

Acute Toxicity

Component Analysis – LD50/LC50

CAS	Component	Result	Species	Dose	Exposure
		LD50 Oral	Rat	>5000 mg/kg	N/A
64742-46-7	Distillates (petroleum), hydrotreated middle	LC50 Inhalation	Rat	1.78 mg/L	4 hr
	Inverorreated initiale	LD50 Dermal	Rat	>2000 mg/kg	N/A
		LD50 Oral	Rat	>3300 mg/kg	N/A
7631-86-9	Silicon dioxide	LC50 Inhalation	Rat	>2.08 mg/L	4 hr
		LD50 Dermal	Rabbit	>5000 mg/kg	N/A
1222.00.4	Carbon black	LD50 Oral	Rat	>5000 mg/kg	N/A
1333-86-4	Carbon black	LC50 Inhalation	Rat	>0.0046 mg/L	4 hr

Information on Likely Routes of Exposure

internation on Enciry Route	
Inhalation:	Not classified based on available information.
Ingestion:	Not classified based on available information.
Skin Contact:	Not classified based on available information.
Eye Contact:	Not classified based on available information.
Immediate Effects:	Not classified based on available information.
Delayed Effects:	No information is available.
Medical Conditions Aggravat Exposure:	ed by No information is available.
Irritation/Corrosivity Data:	Not classified based on available information.
Respiratory Sensitization:	Not classified based on available information.
Dermal Sensitization:	Not classified based on available information.

Germ Cell Mutagenicity:	Not classified based on available information.
Carcinogenicity:	Not classified based on available information.

Product Identifier: ASI 504 Black

Component (Carcinogenicity	
CAS	Component	Result
1333-86-4	Carbon Black	IARC: Group 2B (possibly carcinogenic to humans)
		OSHA: Not present at levels greater than or equal to 0.1% to be identified as a carcinogen or potential carcinogen
		NTP: Not present at levels greater than or equal to 0.1% to be identified as a carcinogen or potential carcinogen
Reproductive	Toxicity:	Not classified based on available information.
Specific Targe Single Exposu	et Organ Toxicity – Ire:	No target organs identified.
Specific Targe Repeated Exp	et Organ Toxicity – posure:	No target organs identified.
Aspiration Ha	zard:	Not classified based on available information.

Ecotoxicity						
No inform	nation available	for the product				
Component /	Analysis – Aqua	tic Toxicity				
CAS	Component	Aquatic	Result	Species	Dose	Exposure
		Fish	LC50	Zebrafish (Danio rerio)	1000 mg/L	96 hr
1333-86-4	Carbon	Invertebrates	EC50	Water flea (<i>Daphnia</i> <i>magna</i>)	>5600 mg/L	24 hr
1333-80-4	Black	Algae	NOEC	Green algae (Desmodesmus subspicatus)	10,000 mg/L	72 hr
Persistence a	nd Degradabilit	y: No infor	mation a	vailable for the product.		
Bioaccumulat	ive Potential:	No infor	mation a	vailable for the product.		
Mobility in Sc	oil:	No infor	mation a	vailable for the product.		
Biodegration:		No infor	mationa	vailable for the product.		

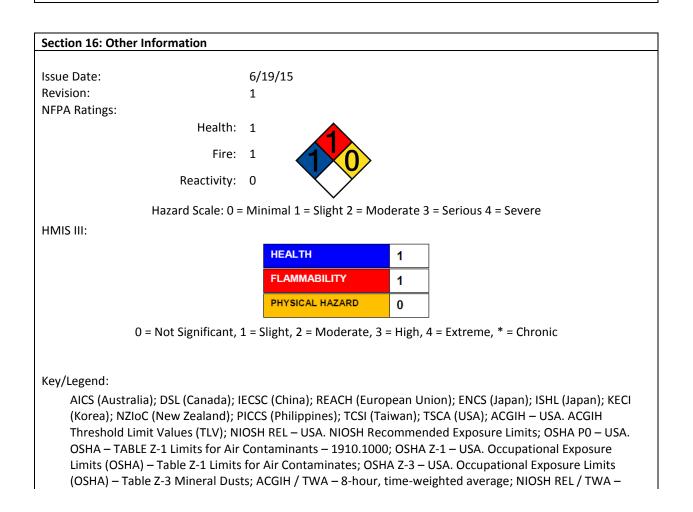
Section 13: Disposal Consideration	15
Disposal Methods:	Dispose in accordance with all applicable federal, state/regional and local laws and regulations. This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.
Disposal of Contaminated Packaging:	Dispose of unused product properly. Empty containers should be taken to an approved waste handling site for recycling or disposal.
Component Waste Numbers:	The U.S. EPA has not published waste numbers for this product's components.

Section 14: Transport Information	
International Regulation	
UNRTDG:	Not regulated as a dangerous good.
IATA-DGR:	Not regulated as a dangerous good.
IMDG-Code:	Not regulated as a dangerous good.
Transport in bulk according to Annex	
II of MARPOL 73/78 and the IBC Code:	Not applicable for product as supplied.
Domestic Regulation	
49 CFR:	Not regulated as a dangerous good.

US Federal	Regulations			
	Extremely Hazard	ous		
Substances	•		tained in product.	
SARA 304:		Not appli	·	
SARA 311/	312.	Not appin		
SARA 311;	512.	None kno		
JANA JIJ.		NOTE KIO	vv11.	
TSCA:		All compo	pents of this product a	relisted on TCCA Inventory
		AILCOTIOU		
1304.		All compe	ments of this product a	re listed on TSCA Inventory.
	portable Quantity	·		re listed on TSCA inventory.
	portable Quantity Component	·		,
CERCLA Re	portable Quantity Component Acetic anhydrid	/:	Component RQ (lbs)	Calculated Product RQ (lbs) Exceeds reasonably attainable upper limit.
CERCLA Re	Component	/:	Component RQ (lbs)	Calculated Product RQ (lbs)
CERCLA Re CAS 108-24-7	Component Acetic anhydrid	/:	Component RQ (lbs) 5000	Calculated Product RQ (lbs) Exceeds reasonably attainable upper limit.
CERCLA Re CAS 108-24-7 64-19-7	Component Acetic anhydrid Acetic acid	/:	Component RQ (lbs) 5000	Calculated Product RQ (lbs) Exceeds reasonably attainable upper limit.
CERCLA Re CAS 108-24-7 64-19-7 US State R	Component Acetic anhydrid Acetic acid	/: de	Component RQ (lbs) 5000	Calculated Product RQ (lbs) Exceeds reasonably attainable upper limit
CERCLA Re CAS 108-24-7 64-19-7 US State R	Component Acetic anhydrid Acetic acid egulations	/: de	Component RQ (lbs) 5000	Calculated Product RQ (lbs) Exceeds reasonably attainable upper limit
CERCLA Re CAS 108-24-7 64-19-7 US State R	Component Acetic anhydrid Acetic acid egulations nia Right To Know	de Component	Component RQ (lbs) 5000	Calculated Product RQ (Ibs) Exceeds reasonably attainable upper limit Exceeds reasonably attainable upper limit Percent

Product Identifier: ASI 504 Black

1										i
7631-86-9	Silicon dioxide	Silicon dioxide			5-10	5-10%				
64-19-7	Acetic acid	Acetic acid			0-0.1	0-0.1%				
108-24-7	Acetic anhydride	9				0-0.1	1%			
New Jersey Right To Know										
CAS	Component					Perc	ent			
70131-67-8	Dimethyl siloxan	ie, hydro	oxy-tern	ninated		50-7	0%			
64742-46-7	Distillates (petro	oleum), l	nydrotre	eated mide	dle	20-3	20-30%			
7631-86-9	Silicon dioxide				5-10%					
63148-62-9	Dimethyl siloxan	Dimethyl siloxane, trimethylsiloxy-terminated			1-5%					
1333-86-4	, Carbon Black				0.1-1%					
California Proposition 65: This product does not contain any chemicals known by the State of California to cause cancer or reproductive harm.										
Component	CAS	US	CA	EU	AU	PH	JP	KR	CN	NZ
Distillates (petroleum),	0.0									
hydrotreated middle	64742-46-7	Yes	DSL	REACH	Yes	Yes	Yes	Yes	Yes	Yes
Silicon dioxide	7631-86-9	Yes	DSL	REACH	Yes	Yes	Yes	Yes	Yes	Yes
Carbon black	1333-86-4	Yes	DSL	REACH	Yes	Yes	Yes	Yes	Yes	Yes
	100-4	163	DJL	NEACH	163	163	163	163	163	163



Product Identifier: ASI 504 Black

Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek; NIOSH REL / ST – STEL – 15-minute TWA exposure that should not be exceeded at any time during a workday; OSHA P0 / TWA - 8-hour, time-weighted average; OSHA Z-1 / TWA - 8-hour, time-weighted average; OSHA Z-3 / TWA - 8-hour, time-weighted average

Disclaimer:

The information contained herein is based on data considered accurate which has been obtained from other companies and organizations.

End of Document







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800.220.1966 410 Pike Road • Huntingdon Valley, PA 19006

ASI 504 Aluminum

Section 1: Product and Company Identification

American Sealants, Inc. 9190 Yeager Ln Fort Wayne, Indiana 46809 Phone: 260-489-0728 Fax: 260-489-0519

Product Identifier: Recommended Use: Restrictions on Use: ASI 504 Aluminum Adhesive None known Emergency Phone Number Infotrac: +1-800-535-5053 (Within US) Infotrac: +1-352-323-3500 (Outside US)

Section 2: Hazard(s) Identification	
GHS Classification:	Not a hazardous substance or mixture.
Acute Effects: Delayed Effects: Indication of Immediate Medical Attention and Special Treatment	No information on significant adverse effects. No information on significant adverse effects.
Needed, If Needed:	Treat symptomatically and supportively.
GHS Label Elements Symbol(s): Signal Word: Hazard Statement(s):	None. None. None known.
Precautionary Statement(s)	
Prevention:	Use only outdoors or in a well-ventilated area. Avoid release to the environment.
Response:	None known.
Storage:	Keep in properly labeled containers. Store in accordance with the particular national regulations.
Disposal:	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Ingredients

CAS	<u>Component</u>	Percent
64742-46-7	Distillates (petroleum), hydrotreated middle	20 - <30
7631-86-9	Silicon dioxide	5 - <10

Section 4: First-	Section 4: First-Aid Measures		
Inhalation:	IF INHALED: Remove to fresh air. Get medical attention if symptoms occur.		
Skin Contact:	IF ON SKIN: Wash with soap and water as a precaution. Get medical advice/attention if symptoms occur.		
Eye Contact:	IF IN EYES: Flush eyes with water as a precaution. If eye irritation develops and persists: Get medical advice/attention.		
Ingestion:	If swallowed, DO NOT induce vomiting. Get immediate medical attention if symptoms occur. Rinse mouth thoroughly with water.		

Use carbon dioxide, regular dry chemical, alcohol-resistant foam or water.
None known.
nical
Upon decomposition, this product emits carbon oxides, silicon oxides, and formaldehyde.
Exposure to combustion products may be a hazard to health. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Section 6: Accidental Release Measures		
Personal Precautions, Protective Equipment and Emergency Procedures:	Follow safe handling advice and personal protective equipment recommendations.	
Environment Precautions:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminate wash	

	•••••••••••••••••••••••••••••••••••••••
Product Identifier: ASI 504 Aluminum	Document #: SDS 014 Revision: 1
	water. Local authorities should be advised if significant spillages cannot be contained.
Methods and Materials for Containment	
and Cleaning Up:	Absorb with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.

Section 7: Handling and Storage	
Precautions for Safe Handling Protective Measures:	Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.
Advice on General Occupational Hygiene:	Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. Wash contaminate clothing before reuse.
Conditions for Safe Storage, including any Incompatibilities:	Store and handle in accordance with all current regulations and standards. Keep in properly labeled containers. Keep separated from incompatible substances.
Incompatibilities:	Strong oxidizing materials

Component Expo		Exposure Limite
CAS	Component	Exposure Limits OSHA Z-1: 5 mg/m3 TWA (mist)
	Distillates (petroleum),	OSHA P0: 5 mg/m3 TWA (mist)
64742-46-7	hydrotreated middle	NIOSH REL: 5 mg/m3 TWA (mist); 10 mg/m3 ST (mist)
7631-86-9	Silicon dioxide	OSHA Z-3: 20 million particles/ft3 (Silica) TWA (dust); 80 mg/m3 / %SiO2 (Silica) TWA (dust)
		NIOSH REL: 6 mg/m3 (Silica) TWA
Appropriate Engi	Ensure a	ng may form hazardous compounds (see section 10). dequate ventilation, especially in confined areas. Ensure nce with applicable exposure limits.

Individual Protection Measures Eye/Face Protection:	Wear safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
Skin Protection:	Skin should be washed after contact.
Hand Protection:	Wear impervious gloves. Wash hands before breaks and at the end of workday.
Respiratory Protection:	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Section 9: Physical and Ch	emical Properties		
Physical State:	Liquid	Appearance:	Paste
Color:	Gray	Physical Form: :	Paste
Odor:	Acetic Acid	Odor Threshold:	Not available
pH:	Not applicable	Melting Point:	Not available
Boiling Point:	Not applicable	Decomposition:	Not available
Flash Point:	Not applicable	Evaporation Rate:	Not applicable
OSHA Flammability Class:	Not classified as a	Vapor Pressure:	Not applicable
	flammability hazard		
Vapor Density (air = 1):	Not available	Density:	0.96
Specific Gravity (water = 1):	Not available	Water Solubility:	Not available
Log KOW:	Not available	Coeff. Water/Oil Dist:	Not available
KOC:	Not available	Auto Ignition:	Not available
Viscosity:	Not applicable	VOC:	Not available
Volatility:	Not available	Molecular Formula:	Not available

Section 10: Stability and Reactivity	ty
Reactivity:	Not classified as a reactivity hazard.
Chemical Stability:	Stable at normal temperatures and pressure.
Possibility of Hazardous Reactions:	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic acid is formed upon contact with water or humid air. When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released. See OSHA formaldehyde standard, 29 CFR 1910.1048 Hazardous decomposition products will be formed at elevated temperatures.

Product Identifier: ASI 504 Aluminum

1		
	Conditions to Avoid:	None known.
	Incompatible Materials:	Strong oxidizing materials
	Hazardous Decomposition Products:	Upon decomposition, this product emits carbon oxides, silicon oxides, and formaldehyde.

Section 11: Toxicological Information

Acute Toxicity

Component Analysis – LD50/LC50

CAS	Component		Result	Species	Dose	Exposure		
Distillates (petroleur			LD50 Oral	Rat	>5000 mg/kg	N/A		
64742-46-7 Distillates (petroleun hydrotreated middle		LC50 Inhalation	Rat	1.78 mg/L	4 hr			
nydrotreated middle		e	LD50 Dermal	Rat	>2000 mg/kg	N/A		
			LD50 Oral	Rat	>3300 mg/kg	N/A		
7631-86-9	Silicon dioxide		LC50 Inhalation	Rat	>2.08 mg/L	4 hr		
			LD50 Dermal	Rabbit	>5000 mg/kg	N/A		
Information o Inhalation:	n Likely Routes of Exp		ified based on avail	lable informa	tion.			
Ingestion:		Not class	Not classified based on available information.					
Skin Contact:		Not classified based on available information.						
Eye Contact:		Not classified based on available information.						
Immediate Eff	ects:	Not classified based on available information.						
Delayed Effect	ts:	No information is available.						
Medical Conditions Aggravated by Exposure:		No information is available.						
Irritation/Corr	osivity Data:	Not classified based on available information.						
Respiratory Se	ensitization:	Not classified based on available information.						
Dermal Sensit	ization:	Not classified based on available information.						
Germ Cell Mutagenicity:		Not classified based on available information.						
Germ Cell Mu	lagenicity:							

Component Carcinogenicity

.	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, OSHA, and NTP.		
Reproductive Toxicity:	Not classified based on available information.		
Specific Target Organ Toxicity – Single Exposure:	No target organs identified.		
Specific Target Organ Toxicity – Repeated Exposure:	No target organs identified.		
Aspiration Hazard:	Not classified based on available information.		

Section 12: Ecological Informat	Section 12: Ecological Information		
Ecotoxicity No information available for the product.			
	Component Analysis – Aquatic Toxicity No information available for the product.		
Persistence and Degradability:	No information available for the product.		
Bioaccumulative Potential:	No information available for the product.		
Mobility in Soil:	No information available for the product.		
Biodegration:	No information available for the product.		

Section 13: Disposal Considerations				
Disposal Methods:	Dispose in accordance with all applicable federal, state/regional and local laws and regulations. This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.			
Disposal of Contaminated Packaging:	Dispose of unused product properly. Empty containers should be taken to an approved waste handling site for recycling or disposal.			
Component Waste Numbers:	The U.S. EPA has not published waste numbers for this product's components.			

Section 14: Transport Information

International Regulation	
UNRTDG:	Not regulated as a dangerous good.
IATA-DGR:	Not regulated as a dangerous good.
IMDG-Code:	Not regulated as a dangerous good.
Transport in bulk according to Annex	
II of MARPOL 73/78 and the IBC Code:	Not applicable for product as supplied.
Domestic Regulation	
49 CFR:	Not regulated as a dangerous good.

Julia	Regulations					
	Extremely Hazard	dous				
Substances	•		tained in product.			
SARA 304:		Not appli	-			
SARA 311/3	312:	None kno				
SARA 313:		None kno				
TSCA:		All compo	ments of this product are listed on TSCA Inventory.			
CERCLA Re	portable Quantii	ty:				
CAS	Component		Component RQ (lbs)		d Product RQ (lbs)	
108-24-7	Acetic anhydr	ide	5000		easonably attainable upper limit	
64-19-7	Acetic acid		5000	Exceeds r	easonably attainable upper limit	
	CAS	Component			Percent	
	CAS 70131-67-8 64742-46-7 7631-86-9 7429-90-5 64-19-7 108-24-7	Dimethyl siloxa	ne, hydroxy-terminated roleum), hydrotreated n de		Percent 50-70% 20-30% 5-10% 0.1-1% 0-0.1% 0-0.1%	
New Jersey	70131-67-8 64742-46-7 7631-86-9 7429-90-5 64-19-7 108-24-7	Dimethyl siloxa Distillates (petr Silicon dioxide Aluminum Acetic acid Acetic anhydric	oleum), hydrotreated n		50-70% 20-30% 5-10% 0.1-1% 0-0.1% 0-0.1%	
New Jersey	70131-67-8 64742-46-7 7631-86-9 7429-90-5 64-19-7 108-24-7 Right To Know CAS	Dimethyl siloxa Distillates (petr Silicon dioxide Aluminum Acetic acid Acetic anhydric	oleum), hydrotreated n	niddle	50-70% 20-30% 5-10% 0.1-1% 0-0.1% Percent	
New Jersey	70131-67-8 64742-46-7 7631-86-9 7429-90-5 64-19-7 108-24-7 7 Right To Know CAS 70131-67-8	Dimethyl siloxa Distillates (petr Silicon dioxide Aluminum Acetic acid Acetic anhydric Component Dimethyl siloxa	oleum), hydrotreated n de ine, hydroxy-terminated	niddle	50-70% 20-30% 5-10% 0.1-1% 0-0.1% 0-0.1% Percent 50-70%	
New Jersey	70131-67-8 64742-46-7 7631-86-9 7429-90-5 64-19-7 108-24-7 Right To Know CAS 70131-67-8 64742-46-7	Dimethyl siloxa Distillates (petr Silicon dioxide Aluminum Acetic acid Acetic anhydric Component Dimethyl siloxa Distillates (petr	oleum), hydrotreated n	niddle	50-70% 20-30% 5-10% 0.1-1% 0-0.1% 0-0.1% Percent 50-70% 20-30%	
New Jersey	70131-67-8 64742-46-7 7631-86-9 7429-90-5 64-19-7 108-24-7 Right To Know CAS 70131-67-8 64742-46-7 7631-86-9	Dimethyl siloxa Distillates (petr Silicon dioxide Aluminum Acetic acid Acetic anhydric Component Dimethyl siloxa Distillates (petr Silicon dioxide	roleum), hydrotreated n de nne, hydroxy-terminated roleum), hydrotreated n	niddle I niddle	50-70% 20-30% 5-10% 0.1-1% 0-0.1% 0-0.1% Percent 50-70% 20-30% 5-10%	
New Jersey	70131-67-8 64742-46-7 7631-86-9 7429-90-5 64-19-7 108-24-7 Right To Know CAS 70131-67-8 64742-46-7	Dimethyl siloxa Distillates (petr Silicon dioxide Aluminum Acetic acid Acetic anhydric Component Dimethyl siloxa Distillates (petr Silicon dioxide	oleum), hydrotreated n de ine, hydroxy-terminated	niddle I niddle	50-70% 20-30% 5-10% 0.1-1% 0-0.1% 0-0.1% Percent 50-70% 20-30%	

US CA EU AU PH JP KR CN NZ

Product Identifier: ASI 504 Aluminum

Component

Component Analysis – International Inventories

CAS

Distillates (petroleum), hydrotreated middle Silicon dioxide										
	64742-46-7	Yes	DSL	REACH	Yes	Yes	Yes	Yes	Yes	Ye
	7631-86-9	Yes	DSL	REACH	Yes	Yes	Yes	Yes	Yes	Ye
	7031-80-9	res	DSL	REACH	Tes	res	res	res	Tes	Te
Section 16: Other Informatic										
Section 16: Other informatic	<u>, , , , , , , , , , , , , , , , , , , </u>									
Issue Date:	6/19/15	5								
Revision:	1									
NFPA Ratings:										
	Health: 1									
	Fire: 1									
Rea	octivity: 0		$\mathbf{\mathbf{Y}}$							
Hazard S	cale: 0 = Minimal	1 = Sligl	/ ht 2 = M	oderate 3	= Serio	ous 4 =	Severe			
HMIS III:		- 0-								
	HEA	LTH		1						
		MMABILI	TY	1						
	PHY	SICAL HA	LARD	0						
0 = Not Sigr	iificant, 1 = Slight	, 2 = Mo	derate,	3 = High, 4	1 = Extr	eme, *	= Chro	nic		
Key/Legend:										
AICS (Australia); DSL (Ca	inada); IECSC (Ch	ina); REA	ACH (Eui	ropean Ur	ion); El	NCS (Ja	pan); IS	HL (Jap	an); KE	CI
(Korea); NZIoC (New Zea				-	-	-				
Threshold Limit Values							-			A.
OSHA – TABLE Z-1 Limit							-	-		
Limits (OSHA) – Table Z- (OSHA) – Table Z-3 Mine										
(USHA) – Table 2-3 Mind Time-weighted average					-	-				
REL / ST – STEL – 15-mir		•				-			-	
OSHA P0 / TWA - 8-hou						-		-	-	,
OSHATO/ TWA - 8-hou	-	-		- ±, 100A	0 1100	,	WC1611			
Disclaimer:								- 1-4 -	1 6	
The state of the second s	ied herein is base	d on dat	ta consi	dered accu	urate w	nich ha	is been	optain	ea trom	
The information contair other companies and or	ganizations							0.0000	cumon	۱

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ASI 504 Colors (Terratone Brown and Western Aspen)

Section 1: Product and Company Identification

American Sealants, Inc. 9190 Yeager Ln Fort Wayne, Indiana 46809 Phone: 260-489-0728 Fax: 260-489-0519 Emergency Phone Number Infotrac: +1-800-535-5053 (Within US) Infotrac: +1-352-323-3500 (Outside US)

Product Identifier: Recommended Use: Restrictions on Use: ASI 504 Colors (Terratone Brown and Western Aspen) Adhesive None known

Section 2: Hazard(s) Identification				
GHS Classification:	Not a hazardous substance or mixture.			
Acute Effects:	No information on significant adverse effects.			
Delayed Effects:	No information on significant adverse effects.			
Indication of Immediate Medical				
Attention and Special Treatment				
Needed, If Needed:	Treat symptomatically and supportively.			
GHS Label Elements				
Symbol(s):	None.			
Signal Word:	None.			
Hazard Statement(s):	None known.			
Precautionary Statement(s)				
Prevention:	Use only outdoors or in a well-ventilated area.			
	Avoid release to the environment.			
Response:	None known.			
Storage:	Keep in properly labeled containers.			
5	Store in accordance with the particular national regulations.			
Disposal:	Dispose of contents/container in accordance with local/regional/national/international regulations.			

Section 3: Composition/Information on Ingredients

CAS	Component	Percent
64742-46-7	Distillates (petroleum), hydrotreated middle	20 - <30
7631-86-9	Silicon dioxide	5 - <10

Section 4: First-Aid Measures		
Inhalation:	IF INHALED: Remove to fresh air. Get medical attention if symptoms occur.	
Skin Contact:	IF ON SKIN: Wash with soap and water as a precaution. Get medical advice/attention if symptoms occur.	
Eye Contact:	IF IN EYES: Flush eyes with water as a precaution. If eye irritation develops and persists: Get medical advice/attention.	
Ingestion:	If swallowed, DO NOT induce vomiting. Get immediate medical attention if symptoms occur. Rinse mouth thoroughly with water.	

Section 5: Fire-Fighting Measures	
Suitable Extinguishing Media:	Use carbon dioxide, regular dry chemical, alcohol-resistant foam or water.
Unsuitable Extinguishing Media:	None known.
Specific Hazards Arising from the Chen	nical
Hazardous Decomposition Products:	Upon decomposition, this product emits carbon oxides, silicon oxides, and formaldehyde.
Special Protective Equipment and	
Precautions for Firefighters:	Exposure to combustion products may be a hazard to health. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.
Specific extinguishing methods:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers.
	Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Section 6: Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures:	Follow safe handling advice and personal protective equipment recommendations.
Environment Precautions:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminate wash

	SAFTEY DATA SHEET
Product Identifier: ASI 504 Colors	Document #: SDS 019 Revision: 1
	water. Local authorities should be advised if significant spillages cannot be contained.
Methods and Materials for Containment	
and Cleaning Up:	Absorb with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.

Section 7: Handling and Storage	
Precautions for Safe Handling Protective Measures:	Handle in accordance with good industrial hygiene and safety practice.
	Take care to prevent spills, waste and minimize release to the environment.
Advice on General Occupational	
Hygiene:	Do not eat, drink, or smoke when using this product. Wash thoroughly after handling.
	Wash contaminate clothing before reuse.
Conditions for Safe Storage, including	
any Incompatibilities:	Store and handle in accordance with all current regulations and standards. Keep in properly labeled containers.
	Keep separated from incompatible substances.
Incompatibilities:	Strong oxidizing materials

Component Expo	sure Limits	
CAS	Component	Exposure Limits
64742-46-7	Distillates (petroleum), hydrotreated middle	OSHA Z-1: 5 mg/m3 TWA (mist) OSHA PO: 5 mg/m3 TWA (mist)
	injulotreated initiale	NIOSH REL: 5 mg/m3 TWA (mist); 10 mg/m3 ST (mist)
7631-86-9	Silicon dioxide	OSHA Z-3: 20 million particles/ft3 (Silica) TWA (dust); 80 mg/m3 / %SiO2 (Silica) TWA (dust)
	Silicon dioxide	NIOSH REL: 6 mg/m3 (Silica) TWA
Appropriate Engi	Ensu	essing may form hazardous compounds (see section 10). The adequate ventilation, especially in confined areas. Ensure pliance with applicable exposure limits.

Individual Protection Measures Eye/Face Protection:	Wear safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
Skin Protection:	Skin should be washed after contact.
Hand Protection:	Wash hands before breaks and at the end of workday.
Respiratory Protection:	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Physical State:	Liquid	Appearance:	Paste
Color:	In accordance with product description	Physical Form: :	Paste
Odor:	Acetic Acid	Odor Threshold:	Not available
pH:	Not applicable	Melting Point:	Not available
Boiling Point:	Not applicable	Decomposition:	Not available
Flash Point:	Not applicable	Evaporation Rate:	Not applicable
OSHA Flammability Class:	Not classified as a flammability hazard	Vapor Pressure:	Not applicable
Vapor Density (air = 1):	Not available	Density:	0.96
Specific Gravity (water = 1):	Not available	Water Solubility:	Not available
Log KOW:	Not available	Coeff. Water/Oil Dist:	Not available
KOC:	Not available	Auto Ignition:	Not available
Viscosity:	Not applicable	VOC:	Not available
Volatility:	Not available	Molecular Formula:	Not available

Section 10: Stability and Reactivity		
Reactivity:	Not classified as a reactivity hazard.	
Chemical Stability:	Stable at normal temperatures and pressure.	
Possibility of Hazardous Reactions:	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic acid is formed upon contact with water or humid air. When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released. See OSHA formaldehyde standard, 29 CFR 1910.1048 Hazardous decomposition products will be formed at elevated temperatures.	

1		
	Conditions to Avoid:	None known.
	Incompatible Materials:	Strong oxidizing materials
	Hazardous Decomposition Products:	Upon decomposition, this product emits carbon oxides, silicon oxides, and formaldehyde.

Section 11: Toxicological Information

Acute Toxicity

Component Analysis – LD50/LC50

CAS	Component		Result	Species	Dose	Exposure		
Distillatos (natural	m)	LD50 Oral	Rat	>5000 mg/kg	N/A			
64742-46-7	742-46-7 Distillates (petroleu		LC50 Inhalation	Rat	1.78 mg/L	4 hr		
	hydrotreated middle		LD50 Dermal	Rat	>2000 mg/kg	N/A		
			LD50 Oral	Rat	>3300 mg/kg	N/A		
7631-86-9	Silicon dioxide		LC50 Inhalation	Rat	>2.08 mg/L	4 hr		
			LD50 Dermal	Rabbit	>5000 mg/kg	N/A		
Inhalation:	n Likely Routes of Exp	Not class	ified based on avail					
Ingestion:		NOT Class	Not classified based on available information.					
Skin Contact:		Not classified based on available information.						
Immediate Effects: N Delayed Effects: N Medical Conditions Aggravated by N Exposure: Irritation/Corrosivity Data: N Respiratory Sensitization: N		Not classified based on available information.						
		Not classified based on available information.						
		No information is available. No information is available. Not classified based on available information.						
						Not classified based on available information.		
						Not classified based on available information.		
			Germ Cell Mutagenicity:		: f :=	lable informa	tion	
		Germ Cell Mu	tagenicity:	Not class	ified based on avail			

Component Carcinogenicity

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, OSHA, and NTP.	
Reproductive Toxicity:	Not classified based on available information.
Specific Target Organ Toxicity – Single Exposure:	No target organs identified.
Specific Target Organ Toxicity – Repeated Exposure:	No target organs identified.
Aspiration Hazard:	Not classified based on available information.

Section 12: Ecological Information		
Ecotoxicity No information available for th	ne product.	
Component Analysis – Aquatic Toxicity No information available for the product.		
Persistence and Degradability:	No information available for the product.	
Bioaccumulative Potential:	No information available for the product.	
Mobility in Soil:	No information available for the product.	
Biodegration:	No information available for the product.	

Section 13: Disposal Considerations		
Disposal Methods:	Dispose in accordance with all applicable federal, state/regional and local laws and regulations. This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.	
Disposal of Contaminated Packaging:	Dispose of unused product properly. Empty containers should be taken to an approved waste handling site for recycling or disposal.	
Component Waste Numbers:	The U.S. EPA has not published waste numbers for this product's components.	

Section 14: Transport Information

International Regulation	
UNRTDG:	Not regulated as a dangerous good.
IATA-DGR:	Not regulated as a dangerous good.
IMDG-Code:	Not regulated as a dangerous good.
Transport in bulk according to Annex	
II of MARPOL 73/78 and the IBC Code:	Not applicable for product as supplied.
Domestic Regulation	
49 CFR:	Not regulated as a dangerous good.

US Federal	Regulations				
	Extremely Hazard	lous			
Substances	•		tained in product.		
SARA 304:		Not appli	•		
SARA 311/3	312:	None kno			
SARA 313:		None kno	wn.		
TSCA:		All compo	onents of this product a	re listed on	TSCA Inventory.
CERCLA Re	portable Quantit	y:			
CAS	Component		Component RQ (lbs)		d Product RQ (lbs)
108-24-7	Acetic anhydri	de	5000		easonably attainable upper limit
64-19-7	Acetic acid		5000	Exceeds re	easonably attainable upper limit
Pennsylvar	ia Right To Know CAS 70131-67-8 64742-46-7 7631-86-9 64-19-7 108-24-7	Component Dimethyl siloxa	ne, hydroxy-terminated oleum), hydrotreated n le		Percent 50-70% 20-30% 5-10% 0-0.1%
	CAS 70131-67-8 64742-46-7 7631-86-9 64-19-7	Component Dimethyl siloxa Distillates (petr Silicon dioxide Acetic acid	oleum), hydrotreated n		50-70% 20-30% 5-10% 0-0.1%
	CAS 70131-67-8 64742-46-7 7631-86-9 64-19-7 108-24-7	Component Dimethyl siloxa Distillates (petr Silicon dioxide Acetic acid	oleum), hydrotreated n		50-70% 20-30% 5-10% 0-0.1%
	CAS 70131-67-8 64742-46-7 7631-86-9 64-19-7 108-24-7 Right To Know	Component Dimethyl siloxa Distillates (petr Silicon dioxide Acetic acid Acetic anhydric	oleum), hydrotreated n	niddle	50-70% 20-30% 5-10% 0-0.1% 0-0.1%
	CAS 70131-67-8 64742-46-7 7631-86-9 64-19-7 108-24-7 Right To Know CAS	Component Dimethyl siloxa Distillates (petr Silicon dioxide Acetic acid Acetic anhydric Component Dimethyl siloxa	oleum), hydrotreated n le	niddle	50-70% 20-30% 5-10% 0-0.1% Percent
	CAS 70131-67-8 64742-46-7 7631-86-9 64-19-7 108-24-7 Right To Know CAS 70131-67-8	Component Dimethyl siloxa Distillates (petr Silicon dioxide Acetic acid Acetic anhydric Component Dimethyl siloxa	oleum), hydrotreated n le ne, hydroxy-terminated	niddle	50-70% 20-30% 5-10% 0-0.1% Percent 50-70%

Product Identifier: ASI 504 Colors

Ciliana di suida	CAS	US	CA	EU	AU	PH	JP	KR	CN	N
Silicon dioxide	7631-86-9	Yes	DSL	REACH	Yes	Yes	Yes	Yes	Yes	Ye
Distillates (petroleum), hydrotreated middle	64742-46-7	Yes	DSL	REACH	Yes	Yes	Yes	Yes	Yes	Ye
Section 16: Other Information Issue Date: Revision: NFPA Ratings:	n 6/19/15 1 Health: 1 Fire: 1									
Rea	ctivity: 0		Y							
Hazard S	cale: 0 = Minimal	1 = Slig	r nt 2 = N	loderate 3	= Serio	ous 4 =	Severe			
HMIS III:		_								
	HEA	LTH		1						
	FLA	MMABILI	ТҮ	1						
		SICAL HA		0						
O Net Com	ificant, 1 = Slight,	2 _ 14 -	doreta		 1 _ F.#	ome *	- Cha-	nia		
0 - NOL SIGN	inicani, 1 – Siigiil,	2 - 1010	טכומנפ,	5 – 111811, 4	+ - CXU	enie,	- 0110			
Key/Legend:										
AICS (Australia); DSL (Ca (Korea); NZIoC (New Zea Threshold Limit Values (OSHA – TABLE Z-1 Limits Limits (OSHA) – Table Z- (OSHA) – Table Z-3 Mine	aland); PICCS (Phi TLV); NIOSH REL s for Air Contamir 1 Limits for Air Co eral Dusts; ACGIH concentration fo nute TWA exposu	lippines – USA. M nants – 2 ontamin / TWA r up to a re that s); TCSI (NOSH R 1910.10 ates; O - 8-hou 10-hou hould n	Taiwan); T ecommen 00; OSHA SHA Z-3 – r, time-we ur workday tot be exce	SCA (U ded Ex Z-1 – U USA. O ighted y during eeded a	SA); AC posure SA. Occ ccupati average g a 40-h it any ti	GIH – U Limits; cupatio onal Ex e; NIOS nour wo ime dur	JSA. AC OSHA F nal Exp posure H REL / orkweel	GIH 20 – US osure Limits TWA – <; NIOS vorkday	A.
REL / ST – STEL – 15-mir OSHA PO / TWA - 8-hou OSHA Z-3 / TWA - 8-hou	-	-		2-1 / TVVA					erage;	;
REL / ST – STEL – 15-mir OSHA PO / TWA - 8-hou	r, time-weighted ned herein is base	average	2				-		-	
REL / ST – STEL – 15-mir OSHA PO / TWA - 8-hou OSHA Z-3 / TWA - 8-hou Disclaimer: The information contain	nr, time-weighted ned herein is base ganizations.	average	e ta consi	dered accu			-		-	

Issue Date 6/19/15

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Document #: SDS 018 Revision: 1 Issue Date: 6-19-2015 Page 1 of 9

410 Pike Road • Huntingdon Valley, PA 19006

ASI 504 Almond

Section 1: Product and Company Identification

American Sealants, Inc. 9190 Yeager Ln Fort Wayne, Indiana 46809 Phone: 260-489-0728 Fax: 260-489-0519

Product Identifier: Recommended Use: Restrictions on Use: ASI 504 Almond Adhesive None known Emergency Phone Number Infotrac: +1-800-535-5053 (Within US) Infotrac: +1-352-323-3500 (Outside US)

Section 2: Hazard(s) Identificatio	n
GHS Classification:	Not a hazardous substance or mixture.
Acute Effects:	No information on significant adverse effects.
Delayed Effects: Indication of Immediate Medical Attention and Special Treatment	No information on significant adverse effects.
Needed, If Needed:	Treat symptomatically and supportively.
GHS Label Elements	
Symbol(s):	None.
Signal Word:	None.
Hazard Statement(s):	None known.
Precautionary Statement(s)	
Prevention:	Use only outdoors or in a well-ventilated area.
	Avoid release to the environment.
Response:	None known.
Storage:	Keep in properly labeled containers.
	Store in accordance with the particular national regulations.
Disposal:	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Ingredients

CAS	<u>Component</u>	Percent
64742-46-7	Distillates (petroleum), hydrotreated middle	20 - <30
7631-86-9	Silicon dioxide	5 - <10
13463-67-7	Titanium dioxide	0.1 - <1
1333-86-4	Carbon black	0.1 - <1

Section 4: First-	Aid Measures
Inhalation:	IF INHALED: Remove to fresh air. Get medical attention if symptoms occur.
Skin Contact:	IF ON SKIN: Wash with soap and water as a precaution. Get medical advice/attention if symptoms occur.
Eye Contact:	IF IN EYES: Flush eyes with water as a precaution. If eye irritation develops and persists: Get medical advice/attention.
Ingestion:	If swallowed, DO NOT induce vomiting. Get immediate medical attention if symptoms occur. Rinse mouth thoroughly with water.

Section 5: Fire-Fighting Measures	
Suitable Extinguishing Media:	Use carbon dioxide, regular dry chemical, alcohol-resistant foam or water.
Unsuitable Extinguishing Media:	None known.
Specific Hazards Arising from the Chem	lical
Hazardous Decomposition Products:	Upon decomposition, this product emits carbon oxides, silicon oxides, and formaldehyde.
Special Protective Equipment and	
Precautions for Firefighters:	Exposure to combustion products may be a hazard to health. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.
Specific extinguishing methods:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
	Use water spray to cool unopened containers.
	Remove undamaged containers from fire area if it is safe to do so.
	Evacuate area.

Section 6: Accidental Release Measures				
Personal Precautions, Protective Equipment and Emergency Procedures:	Follow safe handling advice and personal protective equipment recommendations.			

Product Identifier: ASI 504 Almond	Document #: SDS 018 Revision: 1
Environment Precautions:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminate wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and Materials for Containment	
and Cleaning Up:	Absorb with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.

Section 7: Handling and Storage					
Precautions for Safe Handling					
Protective Measures:	Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.				
Advice on General Occupational					
Hygiene:	Do not eat, drink, or smoke when using this product. Wash thoroughly after handling.				
	Wash contaminate clothing before reuse.				
Conditions for Safe Storage, including					
any Incompatibilities:	Store and handle in accordance with all current regulations and standards. Keep in properly labeled containers.				
	Keep separated from incompatible substances.				
Incompatibilities:	Strong oxidizing materials				

Component Exposure Limits					
CAS	Component	Exposure Limits			
		OSHA Z-1: 5 mg/m3 TWA (mist)			
64742-46-7	Distillates (petroleum), hydrotreated middle	OSHA PO: 5 mg/m3 TWA (mist)			
		NIOSH REL: 5 mg/m3 TWA (mist); 10 mg/m3 ST (mist)			
	Silicon dioxide	OSHA Z-3: 20 million particles/ft3 (Silica) TWA (dust); 80			
7631-86-9		mg/m3 / %SiO2 (Silica) TWA (dust)			
		NIOSH REL: 6 mg/m3 (Silica) TWA			
13463-67-7	Titanium dioxide	ACGIH: 10 mg/m3 TWA			
13403-07-7	intanium dioxide	OSHA Z-1: 15 mg/m3 TWA (total dust)			
		ACGIH: 3 mg/m3 TWA (inhalable fraction)			
1333-86-4	Carbon black	OSHA Z-1: 3.5 mg/m3 TWA			
		NIOSH REL: 3.5 mg/m3 TWA			

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Appropriate Engineering Controls:	Processing may form hazardous compounds (see section 10). Ensure adequate ventilation, especially in confined areas. Ensure compliance with applicable exposure limits.
Individual Protection Measures Eye/Face Protection:	Wear safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
Skin Protection:	Skin should be washed after contact.
Hand Protection:	Wear impervious gloves. Wash hands before breaks and at the end of workday.
Respiratory Protection:	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Appearance:	Paste
Color:	In accordance with product description	Physical Form:	Paste
Odor:	Acetic Acid	Odor Threshold:	Not available
pH:	Not applicable	Melting Point:	Not available
Boiling Point:	Not applicable	Decomposition:	Not available
Flash Point:	>100 °C (closed cup)	Evaporation Rate:	Not applicable
OSHA Flammability Class:	Not classified as a	Vapor Pressure:	Not applicable
	flammability hazard		
Vapor Density (air = 1):	Not available	Density:	0.96
Specific Gravity (water = 1):	Not available	Water Solubility:	Not available
Log KOW:	Not available	Coeff. Water/Oil Dist:	Not available
KOC:	Not available	Auto Ignition:	Not available
Viscosity:	200,000 mPa.s	VOC:	Not available
Volatility:	Not available	Molecular Formula:	Not available

Section 10: Stability and Reactivit	Υ Υ
Reactivity:	Not classified as a reactivity hazard.
Chemical Stability:	Stable at normal temperatures and pressure.
Possibility of Hazardous Reactions:	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic acid is formed upon contact with water or humid air.

	When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released. See OSHA formaldehyde standard, 29 CFR 1910.1048 Hazardous decomposition products will be formed at elevated temperatures.
Conditions to Avoid:	None known.
Incompatible Materials:	Strong oxidizing materials
Hazardous Decomposition Products:	Upon decomposition, this product emits carbon oxides, silicon oxides, and formaldehyde.

Section 11: Toxicological Information	
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Acute Toxicity

Component Analysis – LD50/LC50

CAS	Component	Result	Species	Dose	Exposure
	Distillatos (notroloum)	LD50 Oral	Rat	>5000 mg/kg	N/A
64742-46-7	Distillates (petroleum), hydrotreated middle	LC50 Inhalation	Rat	1.78 mg/L	4 hr
	ingulotreated initiale	LD50 Dermal	Rat	>2000 mg/kg	N/A
7631-86-9		LD50 Oral	Rat	>3300 mg/kg	N/A
	Silicon dioxide	LC50 Inhalation	Rat	>2.08 mg/L	4 hr
		LD50 Dermal	Rabbit	>5000 mg/kg	N/A
13463-67-7	Titanium dioxide	LD50 Oral	Rat	>10000 mg/kg	N/A
		LC50 Inhalation	Rat	>5000 mg/kg	4 hr
1333-86-4	Carbon black	LD50 Oral	Rat	>5000 mg/kg	N/A
1333-80-4		LC50 Inhalation	Rat	>0.0046 mg/L	4 hr

Information on Likely Routes of Exposure

Inhalation:	Not classified based on available information.
Ingestion:	Not classified based on available information.
Skin Contact:	Not classified based on available information.
Eye Contact:	Not classified based on available information.
Immediate Effects:	Not classified based on available information.
Delayed Effects:	No information is available.
Medical Conditions Aggravated by Exposure:	No information is available.
Irritation/Corrosivity Data:	Not classified based on available information.
Respiratory Sensitization:	Not classified based on available information.

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1	Dermal Sensitization:	Not classified based on available information.
	Germ Cell Mutagenicity:	Not classified based on available information.
	Carcinogenicity:	Not classified based on available information.

Component Carcinogenicity

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arcinogenicity	
Component	Result
Titanium dioxide	IARC: Group 2B (possibly carcinogenic to humans)
	OSHA: Not present at levels greater than or equal to 0.1% to be identified as a carcinogen or potential carcinogen
	NTP: Not present at levels greater than or equal to 0.1% to be identified as a carcinogen or potential carcinogen
Carbon Black	IARC: Group 2B (possibly carcinogenic to humans)
	OSHA: Not present at levels greater than or equal to 0.1% to be identified as a carcinogen or potential carcinogen
	NTP: Not present at levels greater than or equal to 0.1% to be identified as a carcinogen or potential carcinogen
Toxicity:	Not classified based on available information.
t Organ Toxicity – re:	No target organs identified.
t Organ Toxicity – osure:	No target organs identified.
zard:	Not classified based on available information.
	Component Titanium dioxide Carbon Black Carbon Black Toxicity: t Organ Toxicity – re: t Organ Toxicity – osure:

Section 12: Ecological Information

Ecotoxicity

No information available for the product.

Component Analysis – Aquatic Toxicity

CAS	Component	onent Aquatic Result Species				Exposure	
13463-67-7	Titanium dioxide	Fish LC50 Rainbow trout (<i>Oncorhynchus mykiss</i>)		Fish LC50		>100 mg/L	96 hr
		Invertebrates	EC50	Water flea (<i>Daphnia</i> <i>magna</i>)	>100 mg/L	48 hr	
		Algae	EC50	Marine diatom (Skeletonema costatum)	>10,000 mg/L	72 hr	
		Bacteria	EC50	N/A	>1000 mg/L	3 hr	

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			LC50	Zebrafish (Danio rerio)	1000 mg/L	96 hr		
1333-86-4	Carbon Black	Invertebrates	EC50	Water flea (<i>Daphnia</i> magna)	>5600 mg/L	24 hr		
		Algae	NOEC	Green algae (Desmodesmus subspicatus)	10,000 mg/L	72 hr		
Persistence ar	Persistence and Degradability: No information available for the product.							
Bioaccumulative Potential: No information available for the product.								
Mobility in Soil: No information available for the product.								
Biodegration:		No infor	mation av	vailable for the product.				

Section 13: Disposal Consideration	15
Disposal Methods:	Dispose in accordance with all applicable federal, state/regional and local laws and regulations. This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.
Disposal of Contaminated Packaging:	Dispose of unused product properly. Empty containers should be taken to an approved waste handling site for recycling or disposal.
Component Waste Numbers:	The U.S. EPA has not published waste numbers for this product's components.

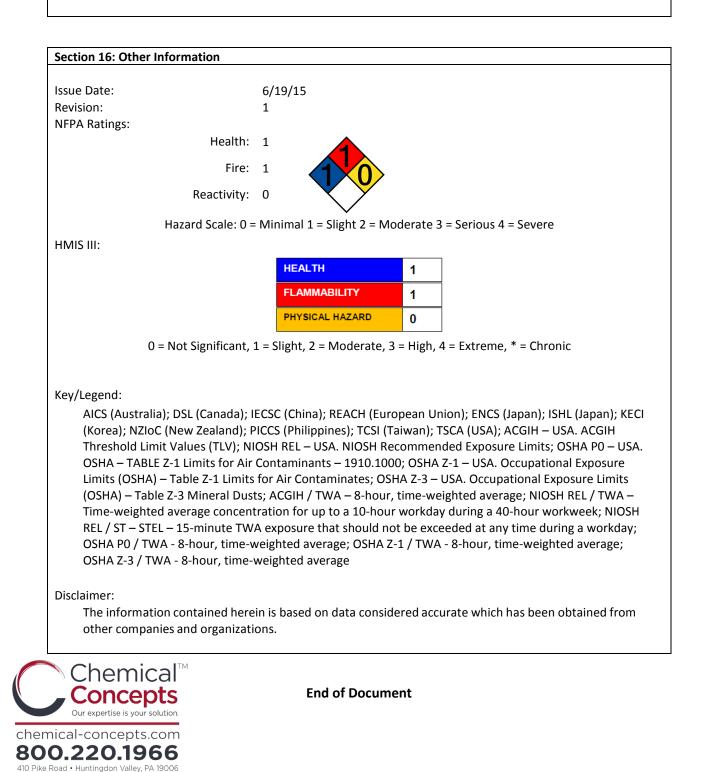
Section 14: Transport Information		
International Regulation		
UNRTDG:	Not regulated as a dangerous good.	
IATA-DGR:	Not regulated as a dangerous good.	
IMDG-Code:	Not regulated as a dangerous good.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable for product as supplied.	
Domestic Regulation 49 CFR:	Not regulated as a dangerous good.	

US Federal	Regulations											
	xtremely Hazardo	ous Substances:										
CAS	Component		Component RQ (lbs) Calculated					d Prod	uct RQ	(lbs)		
58-36-6	10, 10-Oxydiphe	enoxarsine	-	500		Exc	ceeds r	reasona	ably att	ainable	upper	limit.
SARA 302:		No chemi	cals in th	is mater	ial are s	subj	ect to	the rep	orting	require	ements	of
		SARA Title						•				
SARA 311/3	312:	No SARA I	Hazards.									
SARA 313:		This mate				-		-				
		numbers t				ld (C	De Mir	imis) r	eportin	g levels	s establ	isheo
		by SARA T	itle III, Se	ection 3	13.							
TSCA:		All compo	nents of	this pro	duct ar	e lis	ted or	TSCA	nvento	ory.		
CERCLA Rei	portable Quantity											
CAS	Component		Compo	nent RC	(lbs)	Cal	lculate	d Prod	uct RQ	(lbs)		
108-24-7	Acetic anhydrid	e	-	5000							upper	limit
64-19-7	Acetic acid			5000		Exc	ceeds r	reasona	ably att	ainable	e upper	limit
	70131-67-8 64742-46-7 7631-86-9 7429-90-5 64-19-7 108-24-7	Dimethyl siloxa Distillates (petr Silicon dioxide Aluminum Acetic acid Acetic anhydrid	oleum), ł	-			le	50-7 20-3 5-10 0-0.1 0-0.1	0% % L% L%			
New Jersey	Right To Know											
,	CAS	Component						Perc	ent			
	70131-67-8	Dimethyl siloxa	ne, hydro	oxy-tern	ninated			50-7	0%			
	64742-46-7	Distillates (petr	oleum), ł	hydrotre	ated m	niddl	le	20-3	0%			
	7631-86-9	Silicon dioxide						5-10	%			
	1333-86-4	Carbon Black						0.1-2	L%			
California P	roposition 65:	Warning! Th cause cance	-	ct conta	ins a ch	nemi	ical kn	own in	the Sta	ate of C	aliforni	a to
			r. Cobalt ti	tanite g	reen spi	inel	(6818	6-85-6				
Componer	t Analysis - Inter	national Invento	rioc									
Componen	t Analysis – Interi nt		US	СА	EU		AU	PH	JP	KR	CN	NZ
	petroleum),											
hydrotreate	-	64742-46-7	Yes	DSL	REAC	Н	Yes	Yes	Yes	Yes	Yes	Ye
		7631-86-9	Yes	DSL	REACH	н	Yes	Yes	Yes	Yes	Yes	Ye
Silicon diox	lue	1031 00 5										
Silicon diox Titanium di		13463-67-7	Yes	DSL	REAC	н	Yes	Yes	Yes	Yes	Yes	Ye

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DSL: This product contains one or more substances which are not on the Canadian Domestic Substances List (DSL). Import of this product into Canada has volume limitations. For volume limits please consult Dow Corning Regulatory Compliance.

REACH: Consult your local Dow Corning office.



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