# SAFETY DATA SHEET

## 1. Identification

Product identifier	PLEXUS® MA560-1 A	dhesive	
Other means of identification			
SKU#	0537		
Recommended use	Not available.		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplie	er/Distributor information		
Manufacturer			
Company name	ITW Performance Poly	mers	
Address	30 Endicott Street		
	Danvers, MA 01923		
	United States		
Telephone	Customer Service	978-777-1100	
Website	www.itwperformancepo	lymers.com	
E-mail	Not available.	-	
Contact person	EHS Department		
Emergency phone number	Chemtrec	800-424-9300	
0 71	International	703-527-3887	
2. Hazard(s) identificatio	n		

Physical hazards	Flammable liquids	Category 2
Health hazards	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Sensitization, skin	Category 1A
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 2
OSHA defined hazards	Not classified.	
Labol alamanta		

Label elements



Signal word

Hazard statement

Highly flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

#### **Precautionary statement** Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/eye protection/face protection.

Response	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.
Storage	Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.
Supplemental information	None.

#### 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Methyl Methacrylate		80-62-6	40 - 60
DODECYL METHACRYLATE		142-90-5	2.5 - 10
HEXADECYL METHACRYLATE		2495-27-4	2.5 - 10
Poly(2-chloro-1,3-butadiene)		9010-98-4	2.5 - 10
POLY(OXY-1,2-ETHANEDIYL), .ALPHA(2- METHYL-1-OXO-2-PROPENYL)O MEGAMETHOXY-		26915-72-0	2.5 - 10
MALEIC ACID		110-16-7	1 - 2.5
Paraffin Wax		8002-74-2	1 - 2.5
TETRADECYL METHACRYLATE		2549-53-3	0.1 - 1
Other components below reportable I	evels		20 - 40

#### Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or Inhalation artificial respiration if needed. Call a poison center or doctor/physician if you feel unwell. Remove contaminated clothing immediately and wash skin with soap and water. In case of Skin contact eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse. Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Ingestion Rinse mouth. Get medical attention if symptoms occur. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred Most important vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. May cause an symptoms/effects, acute and allergic skin reaction. Dermatitis. Rash. delayed Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water Indication of immediate immediately. While flushing, remove clothes which do not adhere to affected area. Call an medical attention and special ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under treatment needed observation. Symptoms may be delayed. Take off all contaminated clothing immediately. If you feel unwell, seek medical advice (show the General information label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. 5. Fire-fighting measures Suitable extinguishing media Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may

#### be used for small fires only. Do not use water jet as an extinguisher, as this will spread the fire. Unsuitable extinguishing media

Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly flammable liquid and vapor.
6. Accidental release meas	sures
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent product from entering drains.
	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.
7. Handling and storage	
Precautions for safe handling	Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

#### 8. Exposure controls/personal protection

#### **Occupational exposure limits**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Components	Туре	Value	
Methyl Methacrylate (CAS 80-62-6)	PEL	410 mg/m3	
		100 ppm	
US. ACGIH Threshold Limit			_
Components	Туре	Value	Form
Methyl Methacrylate (CAS 80-62-6)	STEL	100 ppm	
	TWA	50 ppm	
Paraffin Wax (CAS 8002-74-2)	TWA	2 mg/m3	Fume.
US. NIOSH: Pocket Guide to	o Chemical Hazards		
Components	Туре	Value	Form
Methyl Methacrylate (CAS 80-62-6)	TWA	410 mg/m3	
		100 ppm	
Paraffin Wax (CAS 8002-74-2)	TWA	2 mg/m3	Fume.
logical limit values	No biological exposure limits noted	for the ingredient(s).	
propriate engineering trols	Explosion-proof general and local ex Ventilation rates should be matched exhaust ventilation, or other engined exposure limits. If exposure limits has acceptable level. Provide eyewash	I to conditions. If applicable, us ering controls to maintain airbo ave not been established, main	se process enclosures, local prne levels below recommend
•	, such as personal protective equip		
Eye/face protection	Chemical respirator with organic va	por cartridge and full facepiece	9.
Skin protection		+	
Hand protection	Wear appropriate chemical resistan	-	
Other	Wear appropriate chemical resistan	-	
Respiratory protection	Chemical respirator with organic va	por cartridge and full facepiece	9.
Thermal hazards	Wear appropriate thermal protective	e clothing, when necessary.	
eral hygiene siderations	When using do not smoke. Always of after handling the material and befor clothing and protective equipment to be allowed out of the workplace.	re eating, drinking, and/or smo	oking. Routinely wash work
Physical and chemical	-		

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Appearance	Paste.	
Physical state	Liquid.	
Form	Paste.	
Color	Off-white	
Odor	Fragrant	
Odor threshold	Not available.	
рН	Not available.	

Melting point/freezing point	-54.4 °F (-48 °C) estimated
Initial boiling point and boiling range	212.9 °F (100.5 °C) estimated
Flash point	50.0 °F (10.0 °C) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	1.7 %
Flammability limit - upper (%)	12.5 %
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	44.11 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	0.97 g/cm3 estimated
Explosive properties	Not explosive.
Flammability class	Flammable IB estimated
Oxidizing properties	Not oxidizing.
Specific gravity	0.97 estimated
10. Stability and reactivity	/
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Nitrates. Peroxides.
Hazardous decomposition products	No hazardous decomposition products are known.

## 11. Toxicological information

#### Information on likely routes of exposure

Inhalation	Harmful if inhaled.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	Knowledge about health hazard is incomplete.
Symptoms related to the physical, chemical and toxicological characteristics	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
Information on toxicological ef	fects

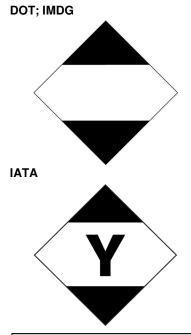
Components	Species	Test Results
DODECYL METHACRYLATE (CA	S 142-90-5)	
<u>Acute</u>		
Oral		
LD50	Rat	> 5 g/kg
MALEIC ACID (CAS 110-16-7)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	1560 mg/kg
Oral	_	
LD50	Rat	708 mg/kg
Methyl Methacrylate (CAS 80-62-6 <u>Acute</u> Inhalation	6)	
LC50	Mouse	18.5 mg/l, 2 Hours
Oral		
LD50	Rat	7800 mg/kg
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye rritation	Causes serious eye irritation	
Respiratory or skin sensitizatio	n	
ACGIH sensitization		
METHYL METHACRYLA	TE (CAS 80-62-6)	Dermal sensitization
Respiratory sensitization	Due to partial or complete lack of data the classification is not possible.	
Skin sensitization	May cause an allergic skin reaction.	
Germ cell mutagenicity	Due to partial or complete la	ck of data the classification is not possible.
Carcinogenicity	Due to partial or complete la	ck of data the classification is not possible.
Methyl Methacrylate (CA Poly(2-chloro-1,3-butadie	,	3 Not classifiable as to carcinogenicity to humans. 3 Not classifiable as to carcinogenicity to humans.
Not listed. US. National Toxicology Pro Not listed.	ogram (NTP) Report on Carci	nogens
Reproductive toxicity	Due to partial or complete la	ck of data the classification is not possible.
Specific target organ toxicity - single exposure	May cause respiratory irritati	
Specific target organ toxicity - repeated exposure	Due to partial or complete lack of data the classification is not possible.	
Aspiration hazard	Due to partial or complete la	ck of data the classification is not possible.
Chronic effects	Prolonged inhalation may be	harmful.
12. Ecological information	n	
Ecotoxicity	Toxic to aquatic life with long	lasting effects.
Persistence and degradability	No data is available on the c	legradability of any ingredients in the mixture.
Bioaccumulative potential		
Partition coefficient n-octar MALEIC ACID Methyl Methacrylate	iol / water (log Kow)	-0.48 1.38
Mobility in soil	No data available.	
Other adverse effects	No other adverse environme	ntal effects (e.g. ozone depletion, photochemical ozone creation on, global warming potential) are expected from this component.

## 13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	D001: Waste Flammable material with a flash point <140 F
	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused	Dispose of in accordance with local regulations. Empty containers or liners may retain some
products	product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

DOT	
UN number	UN1133
UN proper shipping name	Adhesives, containing a flammable liquid, Limited Quantity
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	III
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling
Special provisions	B1, B52, IB3, T2, TP1
Packaging exceptions	150
Packaging non bulk	173
Packaging bulk	242
ΙΑΤΑ	
UN number	UN1133
UN proper shipping name	Adhesives containing flammable liquid, Limited Quantity
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	
Environmental hazards	No.
ERG Code	3L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling
Other information	······································
Passenger and cargo	Allowed with restrictions.
aircraft	
Cargo aircraft only	Allowed with restrictions.
IMDG	
UN number	UN1133
UN proper shipping name	ADHESIVES containing flammable liquid, Limited Quantity
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	-
Environmental hazards	
Marine pollutant	No.
EmS	F-E. S-D
	Read safety instructions, SDS and emergency procedures before handling
Transport in bulk according to	Not established.
Annex II of MARPOL 73/78 and	างปี ธระสมกราชน.
the IBC Code	



# 15. Regulatory information

	Standard, 29 CFR	'Hazardous Chemical" as d 1910.1200.	lenned by the OSHA Ha	azard Communication
US EPCRA (SARA Title	III) Section 313 - To	oxic Chemical: De minimi	s concentration	
Methyl Methacrylate	(CAS 80-62-6)	% 1.0		
US EPCRA (SARA Title	III) Section 313 - To	oxic Chemical: Listed sub	ostance	
Methyl Methacrylate	(CAS 80-62-6)	Listed.		
Toxic Substances Control	Act (TSCA)			
TSCA Section 12(b) Ex Not regulated.	port Notification (40	0 CFR 707, Subpt. D)		
CERCLA Hazardous Substa	ance List (40 CFR 3	02.4)		
MALEIC ACID (CAS 110 Methyl Methacrylate (CA SARA 304 Emergency relea	S 80-62-6)	Listed. Listed.		
Not regulated.		CFR 1910.1001-1053)		
OSHA Specifically Regulate		,		
Not listed.				
Not listed. perfund Amendments and Re	eauthorization Act of			
Not listed. Iperfund Amendments and Ro SARA 302 Extremely hazar	eauthorization Act of			
Not listed. perfund Amendments and Re	eauthorization Act of			
Not listed. Iperfund Amendments and Ro SARA 302 Extremely hazar	eauthorization Act of			
Not listed. perfund Amendments and Re SARA 302 Extremely hazar Not listed. SARA 311/312 Hazardous	eauthorization Act of dous substance Yes Flammable (gases Acute toxicity (any Skin corrosion or Serious eye dama Respiratory or ski Specific target org	of 1986 (SARA) s, aerosols, liquids, or solid v route of exposure) irritation age or eye irritation		
Not listed. perfund Amendments and Re SARA 302 Extremely hazar Not listed. SARA 311/312 Hazardous chemical Classified hazard categories	eauthorization Act of dous substance Yes Flammable (gases Acute toxicity (any Skin corrosion or Serious eye dama Respiratory or ski Specific target org	of 1986 (SARA) s, aerosols, liquids, or solid v route of exposure) irritation age or eye irritation n sensitization gan toxicity (single or repea		
Not listed. perfund Amendments and Re SARA 302 Extremely hazar Not listed. SARA 311/312 Hazardous chemical Classified hazard	eauthorization Act of dous substance Yes Flammable (gases Acute toxicity (any Skin corrosion or Serious eye dama Respiratory or ski Specific target org	of 1986 (SARA) s, aerosols, liquids, or solid v route of exposure) irritation age or eye irritation n sensitization gan toxicity (single or repea		
Not listed. perfund Amendments and Re SARA 302 Extremely hazar Not listed. SARA 311/312 Hazardous chemical Classified hazard categories SARA 313 (TRI reporting)	eauthorization Act of dous substance Yes Flammable (gases Acute toxicity (any Skin corrosion or Serious eye dama Respiratory or ski Specific target org	of 1986 (SARA) s, aerosols, liquids, or solid route of exposure) irritation age or eye irritation n sensitization jan toxicity (single or repea vise classified (HNOC)	ted exposure)	

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Safe Drinking Water Act Contains component(s) regulated under the Safe Drinking Water Act. (SDWA) FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace Methyl Methacrylate (CAS 80-62-6) Low priority US state regulations **California Proposition 65** WARNING: This product can expose you to chemicals including Titanium Dioxide, which is known to the State of California to cause cancer, and Ethylene Glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. California Proposition 65 - CRT: Listed date/Carcinogenic substance Titanium Dioxide (CAS 13463-67-7) Listed: September 2, 2011 California Proposition 65 - CRT: Listed date/Developmental toxin DIISODECYL PHTHALATE (DIDP) Listed: April 20, 2007 (CAS 26761-40-0) Ethylene Glycol (CAS 107-21-1) Listed: June 19, 2015 US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a)) Methyl Methacrylate (CAS 80-62-6) International Inventories Country(s) or region Inventory name On inventory (yes/no)\* Australia Australian Inventory of Chemical Substances (AICS) No Canada Domestic Substances List (DSL) No Canada Non-Domestic Substances List (NDSL) No Inventory of Existing Chemical Substances in China (IECSC) China No Europe European Inventory of Existing Commercial Chemical No Substances (EINECS) European List of Notified Chemical Substances (ELINCS) Europe No Inventory of Existing and New Chemical Substances (ENCS) Japan No Korea Existing Chemicals List (ECL) No New Zealand New Zealand Inventory No Philippines Philippine Inventory of Chemicals and Chemical Substances No (PICCS) Taiwan Chemical Substance Inventory (TCSI) Taiwan Yes United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes \*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

#### 16. Other information, including date of preparation or last revision

Issue date	06-19-2019
Revision date	05-04-2020
Version #	02
HMIS® ratings	Health: 2 Flammability: 3 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 3 Instability: 0

ITW Performance Polymers cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.

# SAFETY DATA SHEET

# 1. Identification

<ul> <li>closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Use only outdoors or in well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. V protective gloves/eye protection/face protection.</li> <li>Response</li> <li>If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/sho If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.</li> </ul>	1. Identification			
SKU#     0619       Recommended use     Not available.       Recommended restrictions     None known.       Manufacturer/Importer/Supplier/Distributor information     Manufacturer       Company name     ITW Performance Polymers       30 Endicott Street     Darwers, MA 01923       United States     30 Endicott Street       Darwers, MA 01923     United States       Telephone     Customer Service       Website     www.ilwperformancepolymers.com       E-mail     Not available.       Contact person     EHS Department       Chemtrec     800-424-9300       International     703-527-3887       Z. Hazard(s) identification     Category 2       Physical hazards     Flammable liquids     Category 2       Serious eye damage/eye irritation     Category 1A       Specific target organ toxicity, single exposure     Category 2A       Serious eye damage/eye irritation     Category 3 respiratory tract irritation       Environmental hazards     Not classified.       Label elements     Victures explicits of the presultion. Harmful if inhaled. May cause an allergic skin reaction Causes serious eye irritation. Harmful if inhaled. May cause an allergic skin reaction Causes serious eye irritation. Harmful if inhaled. May cause an allergic skin reaction causes serious eye irritation causes skin irritation. May cause an allergic skin reaction Causes serious eye irritation causes skin irritation.	Product identifier	PLEXUS® MA560-1 White A	ctivator	
Recommended use       Note available.         Recommended restrictions       None known.         Manufacturer/Importer/Supplier/Distributor information         Manufacturer/Importer/Supplier/Distributor information         Manufacturer/Importer/Supplier/Distributor information         Address       30 Endicide Street         Darwers, MA 01923       Darwers, MA 01923         United States       978-777-1100         Website       www.itwperformancepolymers.com         E-mail       Not available.         Contact person       EHS Department         Emergency phone number       Acute toxicity, inhalation         Chatards       Acute toxicity, inhalation         Category 2       Serious sey damage/eye irritation         Category 1A       Specific target organ toxicity, single exposure         Category 1A       Specific target organ toxicity, single exposure         Category 1A       Specific target organ toxicity, single exposure         Category 1A       Category 1A         Signal word       Danger         Hazard statement       Highly flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction Causes serious sey irritation. Harmful if inhaled. May cause respiratory irritation.         Prevention       Category 1 Importer ireaction weeeee and intearito (scharpe, Watare and intearito), whi	Other means of identification			
Recommended restrictions Nonk known. Manufacturer/Importer/Supplier/Distributor information Manufacturer Company name ITW Performance Polymers Address 30 Endicott Street Darwers, MA 01923 United States 0 Endicott Street Darwers, MA 01923 United States Telephone Customer Service 978-777-1100 Website www.ilwperformancepolymers.com E-mail Not available. Contact person EHS Department Emergency phone number Chemtrec 800-424-9300 International 703-527-3687 Z. Hazard(s) identification Physical hazards Flammable liquids Acute toxicity, inhalation Category 2 Health hazards Serious eye damage/eye irritation Category 2A Serious eye damage/eye irritation Category 1A Specific target organ toxicity, single exposure Category 1A Specific target organ toxicity, single exposure Category 1A Specific target organ toxicity, single exposure Category 3 respiratory tract irritation Category 1A Specific target organ toxicity, single exposure Category 3 respiratory tract irritation Category 1A Specific target organ toxicity, single exposure Category 3 respiratory tract irritation Category 1A Specific target organ toxicity, single exposure Category 3 respiratory tract irritation Category 1A Specific target organ toxicity, single exposure Category 3 respiratory tract irritation Category 1A Specific target organ toxicity, single exposure Category 3 respiratory tract irritation Category 1A Specific target organ toxicity, single exposure Category 3 respiratory tract irritation Precautionary statement Prevention Keep away from heat/sparks/open flames/hot surfaces No smoking, Keep container tightly closed. Container and receiving equipment. Use explosion-proof electrical/wentilating/lighting equipment. Use only non-sparking tools, Take prequisitory electrical/wentilating/lighting equipment. Use only non-sparking tools, Take prequisitory electrical/wentilating/lighting equipment. Use only non-sparking tools, Take prequisitory electrical/wentilating/lighting equipment. Use only non-spark	SKU#	0619		
Manufacturer/Importer/Supplier/DIstributor information Manufacturer Manufacturer Company name ITW Performance Polymers Address 30 Endicott Street Darwers, MA 01923 United States United States United States Telephone Customer Service 978-777-1100 Website www.itwperformancepolymers.com E-mail Not available. Contact person E-mail Not available. Chemitec BS Department Emergency phone number Chemitec BS Department Emergency phone number Chemitec Service S	Recommended use	Not available.		
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Storage Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.		If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish.		
	Storage	Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.		

#### Hazard(s) not otherwise classified (HNOC) Supplemental information

Dispose of contents/container in accordance with local/regional/national/international regulations.

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion. None.

### 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Methyl Methacrylate		80-62-6	40 - 60
Benzyl 3-isobutyryloxy-1-isopropyl-2,2-din ethylpropyl Phthalate	1	16883-83-3	2.5 - 10
Titanium Dioxide	TITANIUM DIOXIDE	13463-67-7	2.5 - 10
Paraffin Wax		8002-74-2	1 - 2.5
Other components below reportable	e levels		20 - 40

#### 4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a poison center or doctor/physician if you feel unwell.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

# 5. Fire-fighting measures Suitable extinguishing media Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may

Suitable extinguishing media	be used for small fires only.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly flammable liquid and vapor.

## 6. Accidental release measures

6. Accidental release measures		
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.	
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.	
	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.	
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.	
	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.	
Environmental precautions	Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.	
7. Handling and storage		
Precautions for safe handling	Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.	
	For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".	
Conditions for safe storage, including any incompatibilities	Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).	

#### 8. Exposure controls/personal protection

#### **Occupational exposure limits**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)				
Components	Туре	Value	Form	
Methyl Methacrylate (CAS 80-62-6)	PEL	410 mg/m3		
		100 ppm		
Titanium Dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.	

US. OSHA Table Z-3 (29 CF Components	Туре	Value	Form
Titanium Dioxide (CAS 13463-67-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
US. ACGIH Threshold Limi	t Values		
Components	Туре	Value	Form
Methyl Methacrylate (CAS 80-62-6)	STEL	100 ppm	
	TWA	50 ppm	
Paraffin Wax (CAS 8002-74-2)	TWA	2 mg/m3	Fume.
Titanium Dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
US. NIOSH: Pocket Guide t			_
Components	Туре	Value	Form
Methyl Methacrylate (CAS 80-62-6)	TWA	410 mg/m3	
		100 ppm	
Paraffin Wax (CAS 8002-74-2)	TWA	2 mg/m3	Fume.
logical limit values	No biological exposure limits noted	for the ingredient(s).	
propriate engineering htrols	Explosion-proof general and local e Ventilation rates should be matched exhaust ventilation, or other engine exposure limits. If exposure limits h acceptable level. Provide eyewash	d to conditions. If applicable, use ering controls to maintain airbor ave not been established, maint	e process enclosures, local ne levels below recommended
•	, such as personal protective equip		
Eye/face protection	Chemical respirator with organic va	por cartridge and full facepiece.	
Skin protection Hand protection	Wear appropriate chemical resistar	nt gloves.	
Other	Wear appropriate chemical resistar	nt clothing.	
<b>Respiratory protection</b>	Chemical respirator with organic vapor cartridge and full facepiece.		
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.		
neral hygiene nsiderations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should n be allowed out of the workplace.		
Physical and chemical	be allowed out of the workplace.	o remove contaminants. Contan	ninated work

9.	Physica	and	chemical	properties

iquid. aste. /hite.
/hite.
ragrant
ot available.
ot available.
4.4 °F (-48 °C) estimated
12.9 °F (100.5 °C) estimated
0.0 °F (10.0 °C) estimated
ot available.

Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	2.1 % estimated
Flammability limit - upper (%)	12.5 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	45.27 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	0.94 g/cm3 estimated
Explosive properties	Not explosive.
Flammability class	Flammable IB estimated
Oxidizing properties	Not oxidizing.
Specific gravity	0.94 estimated
10. Stability and reactivity	/
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Nitrates. Peroxides.
Hazardous decomposition products	No hazardous decomposition products are known.

# 11. Toxicological information

## Information on likely routes of exposure

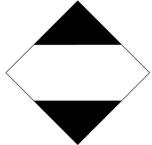
Inhalation	Harmful if inhaled.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	Knowledge about health hazard is incomplete.
Symptoms related to the physical, chemical and toxicological characteristics	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
Information on toxicological ef	fects

Acute toxicity	Harmful if inhaled.	
Components	Species	Test Results
Methyl Methacrylate (CAS	S 80-62-6)	
<u>Acute</u>		
Inhalation		
LC50	Mouse	18.5 mg/l, 2 Hours

Components	Species	Test Results
Oral		
LD50	Rat	7800 mg/kg
kin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye rritation	Causes serious eye irritation.	
Respiratory or skin sensitizatio	n	
ACGIH sensitization		
METHYL METHACRYLA	TE (CAS 80-62-6)	Dermal sensitization
Respiratory sensitization	Due to partial or complete lac	k of data the classification is not possible.
Skin sensitization	May cause an allergic skin rea	action.
Germ cell mutagenicity	Due to partial or complete lac	k of data the classification is not possible.
Carcinogenicity	Due to partial or complete lac	k of data the classification is not possible.
	Evaluation of Carcinogenicity	
Methyl Methacrylate (CA Titanium Dioxide (CAS 1	S 80-62-6)	3 Not classifiable as to carcinogenicity to humans. 2B Possibly carcinogenic to humans.
US. National Toxicology Pro Not listed.	ogram (NTP) Report on Carcin	ogens
Reproductive toxicity	Due to partial or complete lac	k of data the classification is not possible.
Specific target organ toxicity - single exposure	May cause respiratory irritation.	
Specific target organ toxicity - epeated exposure	Due to partial or complete lack of data the classification is not possible.	
Aspiration hazard	Due to partial or complete lack of data the classification is not possible.	
Chronic effects	Prolonged inhalation may be	harmful.
12. Ecological informatio	n	
Ecotoxicity		as environmentally hazardous. However, this does not exclude the
		nt spills can have a harmful or damaging effect on the environment
Persistence and degradability	No data is available on the de	gradability of any ingredients in the mixture.
Bioaccumulative potential		
Partition coefficient n-octar Methyl Methacrylate	nol / water (log Kow)	1.38
Mobility in soil	No data available.	1.00
Other adverse effects		tal effects (e.g. ozone depletion, photochemical ozone creation
		n, global warming potential) are expected from this component.
13. Disposal consideration	ons	
Disposal instructions	material under controlled con containers. If discarded, this p	e in sealed containers at licensed waste disposal site. Incinerate the ditions in an approved incinerator. Do not incinerate sealed product is considered a RCRA ignitable waste, D001. Dispose of unce with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with a	Il applicable regulations.
Hazardous waste code		erial with a flash point <140 F signed in discussion between the user, the producer and the waste
Waste from residues / unused products		n local regulations. Empty containers or liners may retain some al and its container must be disposed of in a safe manner (see:
Contaminated packaging		y retain product residue, follow label warnings even after container hould be taken to an approved waste handling site for recycling or

# 14. Transport information

DOT	
UN number	UN1133
UN proper shipping name	Adhesives, containing a flammable liquid, Limited Quantity
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	III
	r Read safety instructions, SDS and emergency procedures before handling.
Special provisions	B1, B52, IB3, T2, TP1
Packaging exceptions	150
Packaging non bulk	173
Packaging bulk	242
ΙΑΤΑ	
UN number	UN1133
UN proper shipping name	Adhesives containing flammable liquid, Limited Quantity
Transport hazard class(es)	
Class	3
Subsidiary risk	
Packing group	III
Environmental hazards	No.
ERG Code	3L
	r Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed with restrictions.
aircraft	Allowed with restrictions.
Cargo aircraft only IMDG	Allowed with restrictions.
UN number	UN1133
UN proper shipping name	ADHESIVES containing flammable liquid, Limited Quantity
Transport hazard class(es)	Abi reorveo containing hammable liquid, elimited Quantity
Class	3
Subsidiary risk	-
Packing group	
Environmental hazards	
Marine pollutant	No.
EmS	F-E. S-D
	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to	Not established.
Annex II of MARPOL 73/78 and	
the IBC Code	
DOT; IMDG	





#### 15. Regulatory information **US** federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration Methyl Methacrylate (CAS 80-62-6) % 1.0 US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance Methyl Methacrylate (CAS 80-62-6) Listed. **Toxic Substances Control Act (TSCA)** TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated. CERCLA Hazardous Substance List (40 CFR 302.4) Methyl Methacrylate (CAS 80-62-6) Listed. SARA 304 Emergency release notification Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) Not listed. Superfund Amendments and Reauthorization Act of 1986 (SARA) SARA 302 Extremely hazardous substance Not listed. SARA 311/312 Hazardous Yes chemical **Classified hazard** Flammable (gases, aerosols, liquids, or solids) Acute toxicity (any route of exposure) categories Skin corrosion or irritation Serious eye damage or eye irritation Respiratory or skin sensitization Specific target organ toxicity (single or repeated exposure) Hazard not otherwise classified (HNOC) SARA 313 (TRI reporting) **Chemical name CAS** number % by wt. Methyl Methacrylate 80-62-6 40 - 60 Other federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Methyl Methacrylate (CAS 80-62-6) Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Contains component(s) regulated under the Safe Drinking Water Act. Safe Drinking Water Act (SDWA) FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace Low priority

Methyl Methacrylate (CAS 80-62-6)

#### US state regulations

#### **California Proposition 65**



WARNING: This product can expose you to chemicals including BUTADIENE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/0	Carcinogenic substance
BUTADIENE (CAS 106-99-0)	Listed: April 1, 1988
Ethyl Acrylate (CAS 140-88-5)	Listed: July 1, 1989
Titanium Dioxide (CAS 13463-67-7)	Listed: September 2, 2011
California Proposition 65 - CRT: Listed date/I	Developmental toxin
BUTADIENE (CAS 106-99-0)	Listed: April 16, 2004
California Proposition 65 - CRT: Listed date/F	Female reproductive toxin
BUTADIENE (CAS 106-99-0)	Listed: April 16, 2004
California Proposition 65 - CRT: Listed date/	Male reproductive toxin
BUTADIENE (CAS 106-99-0)	Listed: April 16, 2004
US. California. Candidate Chemicals List. Sat	fer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3,

subd. (a))

Methyl Methacrylate (CAS 80-62-6) Titanium Dioxide (CAS 13463-67-7)

#### International Inventories

Country(s) or region	Inventory name On	inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
*A "Voc" indicatos that all compo	pronte of this product comply with the inventory requirements administered by the governin	a = a + b + b + b + b + b + b + b + b + b +

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

Issue date	06-16-2019
Revision date	05-03-2020
Version #	02
HMIS® ratings	Health: 2 Flammability: 3 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 3 Instability: 0
Disclaimer	ITW Performance Polymers cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
Revision information	Composition / Information on Ingredients: Component Summary