



Safety Data Sheet

8/18/22

Section 1: Product and Company Identification

Chemical Concepts, Inc.

410 Pike Road

Huntingdon Valley, PA 19006 • USA

Phone: 800.220.1966 • chemical-concepts.com

Emergency Phone Number

INFOTRAC: 1-800-535-5053

Product Identifier:

BoaBond Advanced Hybrid Adhesive

Recommended Use: Adhesive / Sealant

Restrictions on Use: None

Section 2: Hazard(s) Identification

GHS Classification:

Skin Corrosion/Irritation

Category 2

Serious Eye Damage/Irritation

Category 2

Skin Sensitization

Category 1

GHS Label Elements:

Symbol(s):



Signal Warning:

Hazard Statement(s):

Warning

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

Precautionary Statement(s):

Prevention:

Wash face, hands and any exposed skin thoroughly after handling.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water

Take off contaminated clothing and wash before reuse

If skin irritation or rash occurs: Get medical advice/attention

Disposal:

Dispose of contents/container to an approved waste disposal plant

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Section 3: Composition/Information on Ingredients		
Chemical Name	CAS No.	Weight %
Proprietary	Proprietary	40-50
Proprietary	Proprietary	20-30
Proprietary	Proprietary	< 5
Proprietary	Proprietary	< 1
Proprietary	Proprietary	< 1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section 4: First-Aid Measures	
Inhalation:	IF INHALED: Remove to fresh air
Skin Contact:	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact:	IF I EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion:	IF SWALLOWED: Clean mouth with water and drink plenty of water afterwards.
Most Important Symptoms and Effects: May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.	
Indication of any immediate medical attention and special treatment needed:	
Notes to physician:	Treat symptomatically

Section 5: Fire-Fighting Measures	
Suitable Extinguishing Media:	Carbon Dioxide (CO ₂) Dry Chemical Foam Water Spray (fog)
Unsuitable Extinguishing Media:	Not determined
Specific Hazards Arising from the Chemical:	None
Hazardous Combustion Products:	Thermal decomposition may produce toxic fumes of Carbon monoxide, Carbon dioxide, Sulfur oxides and Hydrogen.
Explosion Data:	
Sensitivity to Mechanical Impact:	Not applicable
Sensitivity to Static Discharge:	Not applicable
Protective equipment and precautions for firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	

Section 6: Accidental Release Measures
Personal precautions, protective equipment and emergency procedures

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Personal Precautions:	Use personal protection recommended in Section 8. Avoid eye, skin and clothing contact.
Environmental Precautions:	
Methods and Materials for Containment and Cleaning Up	
Methods for Containment:	Prevent further leakage or spillage if safe to do so.
Methods for Clean Up:	Collect spill with absorbent material such as cardboard, allow to cure and place into a container approved for waste disposal.

Section 7: Handling and Storage	
Precautions for Safe Handling	
Advice on Safe Handling	Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing and eye/face protection.
Conditions for Safe Storage, including and incompatibilities	
Storage Conditions:	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatibilities:	Moisture

Section 8: Exposure Controls/Personal Protection		
Component Exposure Limits		
Chemical Component	CAS No.	Exposure Limits
Proprietary	Proprietary	OSHA PEL: TWA: 15 mg/m3 (total dust) TWA: 5 mg/m3 (respirable fraction) TWA (vacated): 15 mg/m3 (total dust) TWA (vacated): 5 mg/m3 (respirable fraction) NIOSH IDLH: TWA: 10 mg/m3 (total dust) TWA: 5 mg/m3 (respirable fraction)
Proprietary	Proprietary	NIOSH IDLH: TWA: 10 mg/m3 (total dust) TWA: 5 mg/m3 (respirable dust)
Proprietary	Proprietary	ACGIH TLV TWA: 10 mg/m3 OSHA PEL TWA: 15 mg/m3 (total dust) TWA (vacated): 10 mg/m3 (total dust) NIOSH IDLH IDLH: 5,000 mg/m3
Proprietary	Proprietary	ACGIH TLV STEL: 0.2 mg/m3 Sn TWA: 0.1 mg/m3 Sn S* OSHA PEL

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	<p>TWA: 0.1 mg/m³ Sn (vacated) TWA: 0.1 mg/m³ Sn (vacated) S*</p> <p>NIOSH IDLH</p> <p>IDLH: 25 mg/m³ Sn TWA: 0.1 mg/m³ except Cyhexatin Sn</p>
<p>Appropriate Engineering Controls</p> <p>Individual protection measures, such as personal protective equipment</p> <p>Eye/Face Protection:</p> <p>Skin and Body Protection:</p> <p>Respiratory Protection:</p> <p>General Hygiene Considerations:</p>	<p>Apply technical measures to comply with the occupational exposure limits.</p> <p>Wear safety glasses or goggles to avoid eye contact.</p> <p>Wear impervious gloves such as vinyl to minimize contact with skin.</p> <p>Refer to 29 CFR 1910.134 for respiratory protection requirements.</p> <p>Handle in accordance with good industrial hygiene and safety practice.</p>

Section 9: Physical and Chemical Properties			
Physical State:	Liquid	Appearance:	Paste
Color:	In accordance with product description		
Odor:	Odorless	Odor Threshold:	Not determined
pH:	Not determined	Melting Point:	Not determined
Boiling Point:	Not determined	Flash Point:	Not applicable
Evaporation Rate:	Not determined	Flammability (Solid, Gas)	Liquid-Not applicable
Flammability Limits in Air:		Upper Limit: Not applicable	Lower Limit: Not applicable
Vapor Pressure:	Not determined	Vapor Density:	Not determined
Density:	15.01 lb/gal	Water Solubility:	Slightly soluble
Solubility in other Solvents:	Not determined	Partition Coefficient:	Not determined
Auto-ignition Temp.:	Not applicable	Decomposition Temp.:	Not determined
Kinematic Viscosity:	Not determined	Dynamic Viscosity:	Not determined
Explosive Properties:	Not determined	Oxidizing Properties:	Not determined

Section 10: Stability and Reactivity	
Reactivity:	Not reactive under normal conditions.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Keep out of reach of children.
Incompatible Materials:	Moisture
Hazardous Decomposition Products:	Thermal decomposition may produce toxic fumes of Carbon monoxide and/or Carbon dioxide.

Section 11: Toxicological Information
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Information on Likely Routes of Exposure					
Eye Contact:	Causes serious eye irritation				
Skin Contact:	Causes skin irritation				
Inhalation:	Do not inhale				
Ingestion:	May be harmful if swallowed				
Component Information					
Component	CAS No.	Results	Species	Dose	Exposure
Proprietary	Proprietary	LD50 Oral	Rat	=6,450 mg/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	=3,750 mg/kg >2 g/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	>10,000 mg/kg	N/A
Proprietary	Proprietary	LC50 Inhalation	Rat	500 mg/m ³	4 hr
Proprietary	Proprietary	LD50 Oral LD50 Dermal	Rat Rabbit	7,340 µL/kg 3,360 µL/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	7,460 µL/kg	N/A
Proprietary	Proprietary	LD50 Dermal	Rabbit	>5 g/kg	N/A
Information on physical, chemical, and toxicological effects					
Symptoms:	Please see Section 4 of the SDS for symptoms				
Delayed and immediate effects as well as chronic effects from short and long-term exposure					
Sensitization:	May cause an allergic skin reaction.				
Carcinogenicity:	The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.				
Chemical Name	CAS No.	ACGIH	IARC	NTP	OSHA
Proprietary	Proprietary		Group 2B		X
Legend					
ACGIH (American Conference of Governmental Industrial Hygienists)					
A3 - Animal Carcinogen					
IARC (International Agency for Research on Cancer)					
Group 2B - Possibly Carcinogenic to Humans					
OSHA (Occupational Safety and Health Administration of the US Department of Labor)					
X - Present					
Numerical Measures of Toxicity					
The following values are calculated based on chapter 3.1 of the GHS document .					
ATEmix (oral):	4,421.00 mg/kg				

Section 12: Ecological Information
Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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Persistence/Degradability:

Not determined

Bioaccumulation:

Not determined

Mobility:

Not determined

Other Adverse Effects:

Not determined

Section 13: Disposal Considerations

Waste Treatment Methods

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical Component	CAS No.	California Hazardous Waste Status
Proprietary	Proprietary	Toxic

Section 14: Transport Information

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated
IATA Not regulated
IMDG Not regulated

Section 15: Regulatory Information

International Inventories

Chemical Name	TSCA	DSL/NDL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary				Present				X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X

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Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X		X	X

Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 Hazard Categories

- Acute Health Hazard: Yes
- Chronic Health Hazard: No
- Fire Hazard: No
- Sudden Release of Pressure Hazard: No
- Reactive Hazard: No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

Chemical Component	CAS No.	California Proposition 65
Proprietary	Proprietary	Carcinogen

US State Right-to-Know Regulations

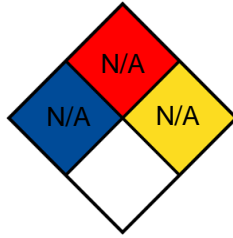
Chemical Name	CAS No.	New Jersey	Massachusetts	Pennsylvania
Proprietary	Proprietary	X	X	X
Proprietary	Proprietary	X	X	X

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Section 16: Other Information

NFPA Ratings:

Health: N/A
Fire: N/A
Reactivity: N/A



Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

HMIS III:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = Not Significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

Key/Legend:

AICS (Australia); DSL (Canada); IECS (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 P0 – 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 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.

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