

MATERIAL SAFETY DATA SHEET

Manufacturer's Name:

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Emergency Telephone #

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Section I - Product Identification

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Product Number: 800

Product Name: Acrylastic 490

Product Class: Waterbase Elastomeric

Section II - Hazardous Ingredients

<u>Ingredient</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other</u>	<u>Vapor Pressure mm Hg @ temp</u>	<u>Weight Percent</u>
Crystalline Silica	14808-60-7	0.1mg/m ³	0.1mg/m ³	Resp. dust	N/A	11.77
Mica	12001-26-2	20mppcf	3mg/m ³	Resp. dust	N/A	5.00
Propylene Glycol	57-55-6	not estab.			0.2 68F	<5.00

No toxic chemical(s) subject to the reporting requirements of section 313 Title III and of 40 CFR 372 are present.

Section III - Physical Data

Boiling Range: 212-471 deg. F

Vapor Density: Lighter Than Air

Solubility in Water: Dilutable

Evaporation rate: Slower Than Ether

Coating V.O.C. 0.37 LB/GL <50 g/L

Material V.O.C. 0.20 LB/GL <20g/L

Specific Gravity: (H2O=1) 1.3

Appearance and Odor: Pigmented Liquid

Section IV - Fire and Explosion Hazard Data

Flash Point: 241 deg F

Method Used: TCC

Flammable Limits in Air by Volume:

Lower: 2.6%

Upper: 12.5%

Extinguishing Media: Foam, Alcohol Foam, CO₂, Dry Chemical

Unusual Fire and Explosion Hazards: Although this material is non-flammable, vapors can collect above the liquid in closed containers and storage vessels which may flash if exposed to an ignition source. Closed containers may explode when exposed to extreme heat. Material can spatter at temperatures above 100 deg C /212 deg F. Dried material can burn.

Special Firefighting Procedures: None are expected to be required. If this material is involved in a fire, NIOSH approved self – contained respiratory equipment should be worn.

Section V - Health Hazard Data

Inhalation Health Risks and Symptoms of Exposure: Excessive exposure to vapors or spray mists can cause irritation of eyes, nose, and throat.

Skin and Eye Contact Health Risks and Symptoms of Exposure:

Eye Contact: This material may cause eye irritation.

Skin Contact: This material may cause skin irritation or rash upon repeated or prolonged contact.

Ingestion Health Risks and Symptoms of Exposure: This material can cause gastrointestinal irritation, vomiting, nausea, and / or diarrhea.

Health Hazards (Acute and Chronic): Chronic overexposure to this material may lead to skin drying and / or rashes. Overexposure to its vapors, as when heated or sprayed, may cause irritation of the nose, throat, and lungs.

Carcinogenicity: NTP? No IARC Monographs? Yes OSHA REGULATED? No
Crystalline Silica is listed by IARC as a carcinogen. ACGIH has assigned TLVs to this material. If Crystalline Silica is in this product, its TLV is indicated in Section II.

Medical Conditions Generally Aggravated by Exposure: Dermatitis, respiratory tract irritation.

Emergency and First Aid Procedures: **Inhalation:** Move person to fresh air. If symptoms persist consult a physician. **Skin Contact:** Wash thoroughly with soap and water. Remove contaminated clothing. **Eye Contact:** Flush with large quantities of water for at least 15 minutes and call a physician. **Ingestion:** Drink 1 or 2 glasses of water. DO NOT induce vomiting. Consult physician or poison control center immediately.

Section VI - Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Under severe thermal degradation, low molecular weight hydrocarbons may be formed.

Conditions to Avoid: None

Incompatibility (Materials to Avoid): None

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled: Keep Spectators away. Floor may be slippery, use care to avoid falling. Provide adequate ventilation. Dike and contain spill with inert material (sand, earth etc.). Transfer liquid and diking material to containers for recovery and disposal. Keep spills out of sewers, storm drains and open water.

Waste Disposal Method: Keep out of drains, sewers, and waterways. Land fill or incinerate according to Federal, State and Local Regulations.

Precautions to be Taken for Handling and Storing: Do not store above 100 deg F. Keep from freezing.

Other Precautions: DO NOT TAKE INTERNALLY. Keep away from children. Keep containers closed when not in use.

Section VIII - Safe Handling and Use Information

Respiratory Protection: Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor / mist levels are below applicable limits. Follow respirator manufacturer's instructions for respirator use.

Ventilation: Provide sufficient ventilation to control exposure levels below airborne exposure limits (see Section II)

Protective Gloves: Wear protective gloves that provide a barrier to prevent skin contact. Consult glove manufacturer to determine appropriate type.

Eye Protection: Wear chemical safety glasses or goggles to guard against splashes and mists.

Other Protective Equipment: Use impermeable aprons and protective clothing to prevent skin contact or extended exposure to skin.

Hygienic Practices: Wash hands with soap and water after using and before eating. Remove wet paint from skin with water before it dries.

Section IX - Disclaimer

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