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MATERIAL SAFETY DATA SHEET

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1. GENERAL INFORMATION

PRODUCT NAME: Gasket Maker 15 and 18

HMIS: HEALTH 2 FLAMMABILITY 1 REACTIVITY 1

NFPA: HEALTH 2 FIRE HAZARD 1 REACTIVITY 1

TECHINCAL NAME: Anaerobic

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:	CAS No.	%
Aromatic dimethacrylate	24448-20-2	5-15
Alifatic methacrylate	90551-76-1	5-10
Urethane methacrylate resin	5888-33-5	40-60
Hydroxyalkyl methacrylate	27813-02-1	10-20
Acrylic acid*	79-10-7	1-3
Organic peroxide*	80-15-9	1-2
Amorphous silica	112945-52-5	3-5
Polyglycol dimethacrylate	25852-47-5	5-10

* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA)	ACGIH (TLV)	OSHA (PEL)	OTHER
Organic peroxide	None	None	1ppm(6mg/m3) Skin(WHEEL)
Hydroxyalkyl methacrylate	None	None	1 ppm TWA 3 ppm STEL
Acrylic acid	2 ppm TWA skin 5.9 mg/m3 skin	10 ppm TWA skin 30 mg/m3 skin	1 ppm TWA skin 3 ppm STEL skin

3. HAZARD IDENTIFICATION

Toxicity: Liquid and Vapors are an eye and skin irritant.

Primary Routes of Entry: None known

Signs and Symptoms of Exposure: May cause dermatitis on prolonged contact in sensitive individuals.

Existing Conditions Aggravated by Exposure: Acrylic acid: Upper respiratory, lung diseases, dermatitis

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: Does not apply

Skin Contact: Wash with soap and water.

Eye Contact: Flush at least 15 minutes with plenty of water. Obtain medical attention.

5. FIREFIGHTING MEASURES

Flash Point: More than 200°F

Extinguishing Agents: Carbon dioxide, foam, dry chemical

Special Firefighting Procedures: Not available

Hazardous Products formed by Fire or Thermal Decomposition Irritating organic vapors

Unusual Fire or Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES

In case of spill or leak: Soak up with an inert absorbent. Store in closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Store at or below 100°F Handling: Avoid prolonged contact with eyes and skin.

8. EXPOSURE AND PERSONAL PROTECTION

Eyes: Safety glasses or goggles.

Skin: Neoprene, rubber, or butyl rubber gloves.

Ventilation: Does not apply

Respiratory Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid

Odor: Sharp, irritating

Boiling Point: More than 300°F

pH: Does not apply

Solubility in Water: Slight

Specific Gravity 1.1 at 25°C

Vapor Pressure: Less than 0,5 mmbar at 20°C

Vapor Density: Not available

Evaporation Rate

(Ether = 1) Not available

10. REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility: None

Conditions to Avoid: Not available

Hazardous Decomposition

Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

Estimated oral LD50 more than 5000 mg/kg.

Estimated dermal LD50 more than 2000 mg/kg.

12. ECOLOGICAL INFORMATION: No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.

EPA Hazardous Waste Number NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Unrestricted

Hazard Class or Division: Unrestricted

Identification Number: None

Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted

Class or Division: Unrestricted

UN or ID Number: None

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