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MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE 336-764-5232

1. GENERAL INFORMATION

PRODUCT NAME: Refrigerant Sealant 154

HMIS: HEALTH 1 FLAMMABILITY 1 REACTIVITY 1

NFPA: HEALTH 1 FIRE HAZARD 1 REACTIVITY 1

TECHINCAL NAME: Anaerobic

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Polyglycol dimethacrylate	25852-47-5	50-70
Organic peroxide*	80-15-9	1-2
Amorphous silica	112945-52-5	1-3
Hydroxy methacrylate	27813-02-1	10-20
Bisphenol A fumarate resin	39382-25-7	10-20

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

Ingredients which have exposure limits

Exposure Limits (TWA)	ACGIH (TLV)	OSHA (PEL)	OTHER
Amorphous silica	10 mg/m3 TWA	6 mg/m3 TWA	3 mg/m3 TWA resp. Dust
Organic peroxide	None	None	1ppm(6mg/m3) skin(WEEL)

3. HAZARD IDENTIFICATION

Toxicity: Mild irritant.

Primary Routes of Entry: Eyes, skin

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

Existing Conditions Aggravated by Exposure: None Known

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

Steps to be taken 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: Red Liquid
Odor: Mild
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 25°C
Vapor Density: Not available
Evaporation Rate: 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 10000 mg/kg. Estimated dermal LD50 more than 1500 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