

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE 336-764-5232

1. GENERAL INFORMATION

PRODUCT NAME: 169 Hydraulic Sealant
HMIS HEALTH 1 FLAMMABILITY1 REACTIVITY 1
NFPA HEALTH 1 FIRE HAZARD 1 REACTIVITY 1
TECHINCAL NAME: Anaerobic

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Urethane Dimethacrylate resin	Proprietary	40-60
Polyglycol dimethacrylate	25852-47-5	20-30
Bisphenol A fumarate resin	39382-25-7	10-20
Polyglycol Dioctanoate	18268-70-7	5-10
Polyolefin Polymer	9002-88-7	5-10
Hydroxyalkyl methacrylate	27813-02-1	5-10
Benzoic sulphimide	81-07-2	1-3
Organic peroxide*	80-15-9	1-2

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

Ingredients which have exposure limits

Exposure Limits (TWA)	ACGIH (TLV)	OSHA (PEL)	OTHER
Hydroxyalkyl methacrylate	None	None	1 ppm TWA 3 ppm STEL
Organic peroxide	None	None	1ppm(6mg/m3) Skin(WHEEL)

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: None

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 Decomp 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: Blue 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 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 5000 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