

MATERIAL SAFETY DATA SHEET

Emergency phone number: 336-764-5232

145 Hydraulic Sealant

1. GENERAL INFORMATION

PRODUCT NAME:	145 Hydraulic Sealant		
CHEMICAL NAME:	ANAEROBIC COMPOSITION		
GENERAL DESCRIPTION:	Methacrylate Esters		
HMIS CODE:	HEALTH 1	Fire 1	REACTIVITY 1
NFPA:	HEALTH 1	FLAMMABILITY 1	REACTIVITY 1

2. COMPOSITION:

INGREDIENT:	CAS #	%
Polyglycol Dioctanoate	18268-70-7	40-45%
Polyglycol Dimethacrylate	25852-47-5	20-25%
Hydroxy Alkyl Methacrylate	868-77-9	20-25%
Cumene Hydroperoxide*	80-15-9	3-5%
N,n-Dialkyltoidines	613-48-9	1-3%
1-Acetyl-2-Phenylhydrazine	114-83-0	0.1-1
Maleic Acid	110-16-7	0.1-1
Saccharin	81-07-2	0.1-1
Silica, amorphous, fumed, crystalline-free	112945-52-5	0.1-1

*(This Chemical is listed as a SARA Section 313 Toxic Chemical)

Ingredients which have exposure limits.

Exposure Limits (TWA)	ACGIH(TLV)	OSHA(PEL)	Other
Hydroxy Alkyl Methacrylate	None	None	
Silica, amorphous, fumed crystalline-free	10mg/m ³ TWA	6mg/m ³ TWA	3mg/m ³ TWA

3. Hazardous Identifications:

Toxicity:	Estimated Oral	LD50 >5000mg/kg
	Estimated Dermal	LD50 >2000mg/kg

Primary routes of entry Skin

Signs & Symptoms of Exposure May cause Dermatitis on prolonged contact in sensitive individuals.

Existing conditions: Aggravated by exposure: None known

Ingredients	Literature referenced Target organ & other Health Effects	Carcinogen		
		NTP	IACR	OSHA
Polyglycol Dioctanoate	No target organ	no	no	no
Polyglycol Dimethacrylate	Allergen, irritant	no	no	no
Hydroxy Alkyl methacrylate	Allergen, irritant	no	no	no
Cumene Hydroperoxide	Allergen, CNS, Corrosive, Irritant, mutagen	no	no	no
1-acetyl-2-Phenylhydrazine	allergen, blood, kidney, mutagen Evidence of some carcinogenicity	no	no	no
Maleic Acid	Irritant, Kidney	no	no	no
Saccharin	No target organ	yes	2B	no
Crystalline-Free	Nuisance Dust	no	N/A	no

4. First Aid Measures:

Ingestion: Do not induce vomiting. Keep individuals calm. Obtain Medical attention.
Inhalation: Not Applicable
Skin contact: Flush with water 15 minutes minimum
Eye contact: Flush with water 15 minutes minimum

5. Fire Fighting Measures:

Flash Point: >200°F (Method TCC)
Recommended extinguishing Agents: Carbon Dioxide, foam, dry chemicals
Special firefighting procedures: Not Available
Hazardous Products formed by fire or Thermal Decomposition: Irritating organic vapors
Unusual Fire or Explosion Hazards: none
Explosive Limits: (% by volume in air) Lower Not applicable
(% by volume in air) Upper Not applicable

6. Spill or leak procedures:

Steps to be taken in case of spill or leak: Soak up in an inert absorbent. Store in partly filled, closed container until disposal.

7. Handling and Storage: Storage: Store below 100°F in original sealed container.

Handling: Avoid prolong skin contact.

Shelf Life: 12 months when stored properly in original sealed container.

8. Personnel Protection: Eyes: Safety glasses with side shields or goggle recommended

Skin: Rubber or plastic gloves recommended

Ventilation: Not applicable **Respiratory:** Not available

9. CHEMICAL AND PHYSICAL PROPERTIES:

Appearance:	Purple liquid
Odor	Mild Organic Odor
Specific Gravity:	1.02 @ 27°C
Boiling point	>300°F
Solubility in water	slight
pH:	Not applicable
Vapor Density:	Not available
Vapor Pressure:	<5 mm @27°C
Volatile organic compound: (EPA method 24)	31.5% 321 grams per liter

10. Stability and Reactivity Data: Stability: Stable

Hazardous polymerization: Will not occur

Hazardous decomposition: Products: Not available

Incompatibility: None

11. Toxicological Information: See Section 3

12. Ecological Information: No Data Available

13. Disposal Consideration: Recommended method of disposal: Incinerate following EPA and Local regulations.

EPA Hazardous Waste Number: Non-Hazardous. Not a RCRA Hazardous Waste Material
