

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PMS-10E Porous Metal Sealant
 Item No.: 53971
 Product Type: Anaerobic

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Polyglycol dimethacrylate	109-16-0	65-70
Alkyl C12 methacrylate	142-90-5	15-25
Alkyl C14 methacrylate	2549-53-3	5-10
Alkyl C16 methacrylate	2495-27-4	1-3
Alkyl C10 methacrylate	3179-47-3	1-3
CUMENE HYDROPEROXIDE*	80-15-9	1-3
Nonionic surfactant	68131-39-5	1-3
SACCHARIN	81-07-2	0.1-0.5

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

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Alkyl C12 methacrylate	None	None	50ppm
Alkyl C14 methacrylate	None	None	50 ppm TWA 75 ppm STEL
Alkyl C16 methacrylate	None	None	50 ppm
Alkyl C10 methacrylate	None	None	50 ppm
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

3. HAZARDS IDENTIFICATION

Toxicity: Skin irritant. Oral LD50 more than 5000 mg/kg
 Dermal LD50 more than 2000 mg/kg
 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 known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Polyglycol dimethacrylate	ALG IRR	NO	NO	NO
Alkyl C12 methacrylate	ALG IRR	NO	NO	NO
Alkyl C14 methacrylate	ALG IRR	NO	NO	NO
Alkyl C16 methacrylate	ALG IRR	NO	NO	NO
Alkyl C10 methacrylate	ALG IRR	NO	NO	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
Nonionic surfactant	No Data	NO	NO	NO
SACCHARIN	No Data	YES	2B	NO

Abbreviations

2B Possibly carcinogenic to humans
 CNS Central nervous system
 IRR Irritant

ALG Allergen
 COR Corrosive
 MUT Mutagen

4. FIRST AID MEASURES

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

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Product Name: PMS-10E Porous Metal Sealant
Item No.: 539714. FIRST AID MEASURES

(continued)

Skin Contact: Flush with water.
Eye Contact: Flush with water.5. FIRE FIGHTING MEASURESFlash Point: More than 200°F Method: Tag Closed Cup
Recommended
Extinguishing Agents: Carbon dioxide, foam, dry chemical
Special Firefighting
Procedures: Not available
Hazardous Products formed
by Fire or Thermal Decomp Oxides of carbon
Unusual Fire or
Explosion Hazards: NoneExplosive Limits:
(% by volume in air) Lower Not available
(% by volume in air) Upper Not available6. ACCIDENTAL RELEASE MEASURESSteps to be taken in case
of spill or leak: Soak up in an inert absorbent. Store in a partly
filled, closed container until disposal.7. HANDLING AND STORAGESafe Storage: Store below 100°F
(Contact Loctite Customer Service 1-800-243-4874 for shelf Life information)
Handling: Avoid prolonged skin contact.8. EXPOSURE CONTROLS, PERSONAL PROTECTIONEyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Does not apply
Respiratory: Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIESAppearance: Clear Liquid
Odor: Mild
Boiling Point: More than 300°F
pH: Does not apply
Solubility in Water: Slight
Specific Gravity 1.07 at 80°F
Volatile Organic Compound
(EPA Method 24) Not available
Vapor Pressure: Less than 5mm at 80°F
Vapor Density: Not available
Evaporation Rate
(Ether = 1) Not available10. STABILITY AND REACTIVITYStability: Stable
Hazardous Polymerization: Hazardous polymerization may occur if over-
catalyzed or insufficiently aerated after
catalyzation. This polymerization is exothermic.
Incompatibility: Reducing agents
Conditions to Avoid: Not available
Hazardous Decomposition
Products (non-thermal): None11. TOXICOLOGICAL INFORMATION

See Section 3.

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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

15. REGULATORY INFORMATION

CA Proposition 65: WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
 Traces of ethylene oxide
 This product contains Saccharin. No Prop65 hazard warning is necessary if this product is used as reasonably anticipated.

16. OTHER INFORMATION

Estimated NFPA(R) Code:
 Health Hazard: 1
 Fire Hazard: 1
 Reactivity Hazard: 1
 Specific Hazard: Does not apply
 Estimated HMIS(R) Code:
 Health Hazard: 1
 Flammability Hazard: 1
 Reactivity Hazards: 1
 Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
 HMIS is a registered trademark of the National Paint and Coatings Assn.

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