

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PMS-10E in the Cured State
 Item No.: CURED 53971
 Product Type: Cured Sealant

2. COMPOSITION INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Polymerized methacrylate esters	Proprietary	95-100
CUMENE HYDROPEROXIDE*	80-15-9	1-3
Nonionic surfactant	68131-39-5	1-3
SACCHARIN	81-07-2	0.1-1

* 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
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

3. HAZARDS IDENTIFICATION

Toxicity: None known
 Primary Routes of Entry: None known
 Signs and symptoms of Exposure: None known.
 Existing Conditions Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Polymerized methacrylate esters	No Data	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 ALG Allergen
 CNS Central nervous system COR Corrosive
 IRR Irritant MUT Mutagen

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.
 Inhalation: Does not apply.
 Skin Contact: Does not apply.
 Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash 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: Irritating organic vapors

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5. FIRE FIGHTING MEASURES (continued)

Unusual Fire or Explosion Hazards: None
 Explosive Limits:
 (% by volume in air) Lower Not available
 (% by volume in air) Upper Not available

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Sweep up.

7. HANDLING AND STORAGE

Safe Storage: No special precautions
 (Contact Loctite Customer Service 1-800-243-4874 for shelf Life information)
 Handling: No special precautions.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
 Skin: No special precautions.
 Ventilation: Does not apply
 Respiratory: Not available
 See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber solid
 Odor: None
 Boiling Point: More than 300°F
 pH: Does not apply
 Solubility in Water: Insoluble
 Specific Gravity: More than 1 (Estimated)
 Volatile Organic Compound (EPA Method 24): Not available
 Vapor Pressure: None
 Vapor Density: None
 Evaporation Rate (Ether = 1): Does not apply

10. STABILITY AND 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

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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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