

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Resinol(TM) 90C, Cured Sealant  
 Item No.: CURED 18017  
 Product Type: Cured Sealant

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Polymerized methacrylate esters	Proprietary	95-100
Substituted nitrile	13472-08-7	0.1-0.5

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Substituted nitrile	None	15 mg/m <sup>3</sup> dust 5 mg/m <sup>3</sup> resp	1 mg/m <sup>3</sup>
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
Substituted nitrile	No Data	NO	NO	NO

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

MATERIAL SAFETY DATA SHEET

Page 2 of 3

Product Name: Resinol(TM) 90C, Cured Sealant  
Item No.: CURED 180176. ACCIDENTAL RELEASE MEASURESSteps to be taken in case  
of spill or leak: Sweep up.7. HANDLING AND STORAGESafe Storage: No special precautions  
(Contact Loctite Customer Service 1-800-243-4874 for shelf Life information)  
Handling: No special precautions.8. EXPOSURE CONTROLS, PERSONAL PROTECTIONEyes: 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 PROPERTIESAppearance: 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 apply10. STABILITY AND REACTIVITYStability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: None  
Conditions to Avoid: Not available  
Hazardous Decomposition  
Products (non-thermal): None11. TOXICOLOGICAL INFORMATIONEstimated oral LD50 more than 5000 mg/kg.  
Estimated dermal LD50 more than 2000 mg/kg.12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONSRecommended methods of  
disposal: Incinerate following EPA and local regulations.  
EPA Hazardous Waste  
Number: NH - Not a RCRA Hazardous Waste Material14. TRANSPORTATION INFORMATIONDOT (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

MATERIAL SAFETY DATA SHEET

Page 3 of 3

Product Name: Resinol(TM) 90C, Cured Sealant  
Item No.: CURED 1801715. REGULATORY INFORMATIONCA Proposition 65: WARNING: This product contains chemicals known to  
the State of California to cause cancer.  
Traces of propylene oxide16. OTHER INFORMATIONEstimated NFPA(R) Code:  
Health Hazard: 1  
Fire Hazard: 1  
Reactivity Hazard: 1  
Specific Hazard: Does not applyEstimated 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.Prepared By: Stephen Repetto  
Title: Research Chemist; Safety, Health & Regulatory Affairs  
Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067  
(24hr.) Phone: (860) 571-5100  
Revision Date: September 19, 1996 Revision: 0004