

ROCKY HILL, CONNECTICUT 06067  
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

Permatex(R) Form-A-Gasket(R) #2 Sealant  
80015

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Permatex(R) Form-A-Gasket(R) #2 Sealant  
Non-Hardening  
Item No.: 80015  
Part No.: 2AR  
Product Type: Sealant

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Clay	1332-58-7	50-55
Rosin	8050-09-7	15-20
Vegetable oil	68187-84-8	15-20
ISOPROPYL ALCOHOL	67-63-0	10-15
Soybean derivative	8002-43-5	1-3

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Clay	2 mg/m3 dust	10 mg/m3 dust 5 mg/m3 respir.	None
ISOPROPYL ALCOHOL	400 ppm TWA 983 mg/m3	400 ppm TWA 980 mg/m3	None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
ISOPROPYL ALCOHOL	500 ppm 1230 mg/m3	500 ppm 1225 mg/m3

3. HAZARDS IDENTIFICATION

Toxicity: Eye irritant.  
Oral LD50 greater than 5000 mg/kg (estimated)  
Primary Routes of Entry: Inhalation, ingestion, contact.  
Signs and symptoms of Exposure: Vapor above TLV is irritating to eyes, nose and throat and can cause headache, dizziness, nausea.  
Existing Conditions Aggravated by Exposure: Skin, eye, and respiratory disorders.

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3. HAZARDS IDENTIFICATION (continued)

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Clay	NUI	NO	NO	NO
Rosin	ACS ALG IRR RES	NO	NO	NO
Vegetable oil	No Data	NO	NO	NO
ISOPROPYL ALCOHOL	ALG CNS IRR	NO	N/A	NO
Soybean derivative	No Data	NO	NO	NO

Abbreviations

N/A Not Applicable	ACS ACGIH sensitizer
ALG Allergen	CNS Central nervous system
IRR Irritant	NUI Nuisance dust
RES Respiratory	

4. FIRST AID MEASURES

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

Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water.

Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: Does not apply  
Per ASTM D 4359 this product is a solid.

Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical

Hazardous Products formed by Fire or Thermal Decomp: Aliphatic aldehydes, carboxylic acids, oxides of carbon.

Unusual Fire or Explosion Hazards: None

Explosive Limits:  
(% by volume in air)Lower 2%  
(% by volume in air)Upper 12%

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6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Remove sources of ignition. Maintain adequate ventilation. Scrape up as much as possible and store in a closed container until disposal. Residues may be cleaned with isopropyl alcohol.

7. HANDLING AND STORAGE

Safe Storage: Store away from heat and flame.  
(Contact Loctite Customer Service 1-800-243-4874 for shelf Life information)  
Handling: Avoid prolonged breathing of vapors. Keep away from eyes. Avoid prolonged skin contact.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
Skin: Rubber or plastic gloves.  
Ventilation: Must be adequate to avoid exceeding TLV.  
  
See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black Paste  
Odor: Alcoholic  
Boiling Point: 180°F  
pH: Does not apply  
Solubility in Water: Partial  
Specific Gravity 1.5 at 77°F  
Volatile Organic Compound  
(EPA Method 24) 14.2%; 213 grams per liter  
Vapor Pressure: 33 mm at 68°F  
Vapor Density: 2.07  
Evaporation Rate  
(Ether = 1) 7.7

10. STABILITY AND REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Strong oxidizers.  
Hazardous Decomposition  
Products (non-thermal): None

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11. TOXICOLOGICAL INFORMATION  
See Section 3.

12. ECOLOGICAL INFORMATION  
No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.  
EPA Hazardous Waste Number: D001 - Hazardous waste per 40CFR 261.21

14. TRANSPORT 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: No Prop65 chemicals are known to be present.

16. OTHER INFORMATION

Estimated NFPA(R) Code:  
Health Hazard: 2  
Fire Hazard: 2  
Reactivity Hazard: 0  
Specific Hazard: Does not apply

Estimated HMIS(R) Code:  
Health Hazard: 2  
Flammability Hazard: 2  
Reactivity Hazards: 0  
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.

LOCTITE CORPORATION

09/11/96

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16. OTHER INFORMATION

(continued)

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