

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

A-296

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Clay	1332-58-7	50-55
Resin	9050-09-7	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/m ³ dust	10 mg/m ³ dust 5 mg/m ³ respir.	None
ISOPROPYL ALCOHOL	400 ppm TWA 983 mg/m ³	400 ppm TWA 980 mg/m ³	400 ppm TWA DuPont REL
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
ISOPROPYL ALCOHOL	500 ppm 1230 mg/m ³	500 ppm 1225 mg/m ³	

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.

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

Abbreviations

N/A Not Applicable	ALG Allergen
BLO Blood	CNS Central nervous system
IRR Irritant	KID Kidney
NTD No Target Organs	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.

LOCTITE CORPORATION

1601 TROUT BROOK CROSSING
ROCKY HILL, CT 06067-3910
EMERGENCY PHONE: (860) 571-5100ISSUED 5/06/99
14:17:26
FAX: (860) 571-5465MATERIAL SAFETY DATA SHEET

Page 2 of 3

Product Name: Permatex(R) Form-A-Gasket(R) #2 Sealant
Item No.: Non-Hardening 800155. FIRE FIGHTING MEASURESFlash Point: Does not apply
Per ASTM D 4359 this product is a solid.Recommended
Extinguishing Agents: Carbon dioxide, foam, dry chemical
Special Firefighting
Procedures: Not availableHazardous Products formed
by Fire or Thermal Decomp Aliphatic aldehydes, carboxylic acids, oxides of
carbon.Unusual Fire or
Explosion Hazards: NoneExplosive Limits:
(% by volume in air) Lower 2%
(% by volume in air) Upper 12%6. ACCIDENTAL RELEASE MEASURESSteps 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 STORAGESafe 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 PROTECTIONEyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Must be adequate to avoid exceeding TLV.
Respiratory: Not available

See Section 2 for Exposure Limits.9. PHYSICAL AND CHEMICAL PROPERTIESAppearance: 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) 7.710. STABILITY AND REACTIVITYStability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Strong oxidizers.
Conditions to Avoid: Not available
Hazardous Decomposition
Products (non-thermal): None11. TOXICOLOGICAL INFORMATION

See Section 3.

LOCTITE CORPORATION 1001 TROUT BROOK CROSSING ISSUED 5/06/99
ROCKY HILL, CT 06067-3910 14:17:26
EMERGENCY PHONE: (860) 571-5100 FAX: (860) 571-5465

MATERIAL SAFETY DATA SHEET

Page 3 of 3

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

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:
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.

Prepared By: Stephen Repetto
Title: Research Chemist, Environmental Health & Safety
Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067
(24hr.) Phone: (860) 571-5100
Revision Date: January 27, 1999 Revision: 0036

