

MATERIAL SAFETY DATA SHEET

Loctite(R) H.V.A.C. Blue Pipe Joint Compound
 82480

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite(R) H.V.A.C. Blue Pipe Joint Compound
 Item No.: 82480
 Product Type: Emulsion

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Calcium carbonate	471-34-1	55-60
Styrene-acrylic polymer	115773-73-4	10-15
Water	7732-18-5	10-15
Castor oil	Proprietary	5-10
Clay	1332-58-7	5-10
DI-n-BUTYL PHTHALATE*	84-74-2	1-3
AMMONIUM HYDROXIDE	1336-21-6	0.1-1
Blue pigment	147-14-8	0.1-1
Diethyleneglycol monoethyl ether*	111-90-0	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
Calcium carbonate	10 mg/m3 dust	15 mg/m3 dust 5 mg/m3 respir.	None
Clay	2 mg/m3 dust	10 mg/m3 dust 5 mg/m3 respir.	None
DI-n-BUTYL PHTHALATE	5 mg/m3 TWA	5 mg/m3 TWA	None
AMMONIUM HYDROXIDE	25 ppm(ammonia)	50 ppm(ammonia)	None
Blue pigment	Cu 0.2mg/m3fume Cu 1 mg/m3 dust	Cu 0.1mg/m3fume Cu 1 mg/m3 dust	None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
AMMONIUM HYDROXIDE	35 ppm(ammonia)	None

3. HAZARDS IDENTIFICATION

Toxicity: Eye and skin irritant.
 Primary Routes of Entry: Ingestion, inhalation.
 Signs and Symptoms
 of Exposure: Eye or skin irritation.

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3. HAZARDS IDENTIFICATION

(continued)

Existing Conditions

Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Calcium carbonate	NUI	NO	NO	NO
Styrene-acrylic polymer	NR	NO	NO	NO
Water	NTO	NO	NO	NO
Castor oil	IRR	NO	NO	NO
Clay	AC4 NUI	NO	NO	NO
DI-n-BUTYL PHTHALATE	CNS DEV IRR REP	NO	NO	NO
AMMONIUM HYDROXIDE	COR IRR	NO	NO	NO
Blue pigment	NTO	NO	NO	NO
Diethyleneglycol monoethyl ether	BLO CNS IRR KID	NO	NO	NO

Abbreviations

AC4 ACGIH-Unclassifiable as human carc. BLO Blood
CNS Central nervous system COR Corrosive
DEV Developmental IRR Irritant
KID Kidney NR No Records
NTO No Target Organs NUI Nuisance dust
REP Reproductive

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm.
Obtain medical attention.
Inhalation: Remove to fresh air.
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: None - aqueous medium 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

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5. FIRE FIGHTING MEASURES

(continued)

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: Soak up with an inert absorbent. Store in a closed
container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Store below 120°F.
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
Handling: Avoid prolonged skin contact. Keep away from eyes.
Avoid breathing vapors.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Sufficient to maintain vapor concentration below
TLV.
Respiratory Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue liquid
Odor: Ammonia-like
Boiling Point: Approximately 212°F
pH: 7-8
Solubility in Water: Water-based
Specific Gravity 1.7
Volatile Organic Compound
(EPA Method 24) Not available
Vapor Pressure: Not available
Vapor Density: Not available
Evaporation Rate
(Ether = 1) Not available

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Strong bases will coagulate resin.
Conditions to Avoid: Not available

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10. STABILITY AND REACTIVITY (continued)

Hazardous Decomposition
Products (non-thermal): None

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: 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.
Nickel, cadmium, arsenic, lead, mercury, chloroform.

16. OTHER INFORMATION

Estimated NFPA(R) Code:
Health Hazard: 1
Fire Hazard: 1
Reactivity Hazard: 0
Specific Hazard: Does not apply

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16. OTHER INFORMATION

(continued)

Estimated HMIS(R) Code:
Health Hazard: 1
Flammability Hazard: 1
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.

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