

A02/021

LOCTITE CORPORATION

07/01/99

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

MATERIAL SAFETY DATA SHEET

Page 01 of 05

Pipe Joint Compound
80044

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item No.: 80044
Part No.: 51H
Product Type: Sealant

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Clay	1332-58-7	30-35
Vegetable oil	68439-93-0	20-25
ISOPROPYL ALCOHOL	67-63-0	15-20
Rosin	8050-09-7	15-20
TALC	14807-96-6	5-10
Soybean derivative	8002-43-5	1-3
CARBON BLACK	1333-86-4	0.1-1

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
Vegetable oil	10 mg/m3 mist	15mg/m3mistdust 5mg/m3mist resp	None
ISOPROPYL ALCOHOL	400 ppm TWA 983 mg/m3	400 ppm TWA 980 mg/m3	400 ppm TWA DuPont AEL
TALC	2 mg/m3 TWA respirable dust	2 mg/m3 TWA respirable dust	None
CARBON BLACK	3.5 mg/m3 TWA	3.5 mg/m3 TWA	5ppm

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, nausea, and

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MATERIAL SAFETY DATA SHEET

Page 02 of 05

Item No.: 80044

3. HAZARDS IDENTIFICATION

(continued)

dizziness.

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
Vegetable oil	No Data	NO	NO	NO
ISOPROPYL ALCOHOL	ALG BLO CNS IRR KID	NO	N/A	NO
Rosin	ALG IRR RES	NO	NO	NO
TALC	IRR LUN SOM	NO	N/A	NO
Soybean derivative	NTD	NO	NO	NO
CARBON BLACK	RES	NO	2B	NO

Abbreviations

N/A Not Applicable	2B Possibly carcinogenic to humans
ALG Allergen	BLO Blood
CNS Central nervous system	IRR Irritant
KID Kidney	LUN Lung
NTD No Target Organs	NUI Nuisance dust
RES Respiratory	SOM Evidence of some carcinogenicity

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:	76°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	Aliphatic aldehydes, carboxylic acids, oxides of carbon.	

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MATERIAL SAFETY DATA SHEET

Page 03 of 05

Item No.: 80044

5. FIRE FIGHTING MEASURES

(continued)

Unusual Fire or
Explosion Hazards: NoneExplosive Limits:
(% by volume in air) Lower 2.3 %
(% by volume in air) Upper 12.7 %

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.

Respiratory

Not available

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

1.28 at 77°F

Volatile Organic Compound

(EPA Method 24)

17.0%

Vapor Pressure:

33mm

Vapor Density:

2.07

Evaporation Rate

(Ether = 1)

Not available

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MATERIAL SAFETY DATA SHEET

Page 04 of 05

Item No.:

80044

10. STABILITY AND REACTIVITY

Stability:

Stable

Hazardous Polymerization:

Will not occur

Incompatibility:

Strong oxidizers.

Conditions to Avoid:

Not available

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 D001 - Hazardous waste per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Consumer Commodity (Not more than five liters);
Resin solution (More than five liters)

Hazard Class or Division: ORM-D (Not more than five liters);
Class 3, Packing Group III (More than five liters)

Identification Number: None (Not more than five liters);
UN 1866 (More than five liters)

Marine Pollutant: None

IATA

Proper Shipping Name: Consumer Commodity (Not more than 500 ml);
Resin Solution (More than 500 ml)

Class or Division: Class 9 (Not more than 500 ml);
Class 3, Packing Group III (More than 500 ml)

UN or ID Number: ID 8000 (Not more than 500 ml);
UN 1866 (More than 500 ml)

15. REGULATORY INFORMATION

CA Proposition 65: No California Proposition 65 chemicals are known to be present.

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MATERIAL SAFETY DATA SHEET

Page 05 of 05

Item No.: 80044

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 2
Fire Hazard: 3
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 2
Flammability Hazard: 3
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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