

Material Safety Data Sheet

According to ANSI Z400.1-2003

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Section 1 - Product and Company Information

Product Name: Flexible Spot Putty
Product Part Number(s): 1040-T

COMPANY IDENTIFICATION:	EMERGENCY TELEPHONE NUMBER	
Urethane Supply Company	24 Hour Emergency Contact	Chemtrec - 1-800-424-9300
1128 Kirk Rd.	Customer Information Number	256-638-4103
Rainsville, AL 35986		

Section 2 - Hazards Identification

Appearance: Pink Putty
Odor: Strong

Hazards of Product:



HMIS Rating (Scale 0 - 4)

HEALTH	2	Health = 2
FIRE	2	Fire = 2
PHYSICAL	1	Physical = 1
PERSONAL PROTECTION	G	Personal Protection = G

NFPA Ratings



Potential Health Effects

Eye Contact: Moderate irritation, redness, blurred vision.

Skin Absorption: Moderate irritation, redness, dermatitis

Inhalation: Nasal and respiratory irritation, dizziness, headache, nausea, possible unconsciousness, and asphyxiation.

Ingestion: Gastrointestinal irritation, vomiting, diarrhea

Section 3 - Composition/Information on Ingredients

Component	CAS #	Amount
Aliphatic Petroleum Naphthas	64742-89-8	4-5%
Ethyl Benzene	100-41-4	<1%
Ethylene Glycol Monobutyl Ether	111-16-2	<1%
Isobutyl Acetate	110-19-0	5-6%
Isobutyl Isobutyrate	97-85-8	NA
Methyl Ethyl Ketone	78-93-3	3-5%
Toluene	108-88-3	2-3%
Xylene	1330-20-7	<1%

Section 4 - First-Aid Measures

Medical Conditions Aggravated by Exposure: Bronchitis, CNS disorders, allergies, nausea.

Section 5 - Fire Fighting Measures

Extinguishing Media: Foam, Alcohol, CO2, Dry Chemical

Fire Fighting Procedures: Water spray may be ineffective, but may be used to cool containers exposed to heat. Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Vapors may ignite explosively. Exposure to heat or prolonged exposure to sun may cause bursting. Do not expose to heat or store at temperatures above 120 F. Do not puncture or incinerate container.

Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled: Remove all sources of ignition. Allow volatile portion to evaporate completely. Avoid breathing vapors and remove with inert absorbent.

Personal Precautions:

Environmental Precautions:

Section 7 - Handling and Storage

General Handling: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid spontaneous combustion of contaminated rags or other ignitable material. Keep out of reach of children.

Other Precautions:

Storage: Do not store near heat sparks or flame. Store in well ventilated area. Keep closure tight and container upright to prevent leakage. Do not puncture or incinerate.

Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks
Aliphatic Petroleum Naphthas	ACGIH	TLV	300 ppm	TWA
Aliphatic Petroleum Naphthas	OSHA	PEL	300 ppm	TWA
Aliphatic Petroleum Naphthas	OSHA	PEL	400 ppm	STEL
Isobutyl Acetate	ACGIH	TLV	150 ppm	TWA
Isobutyl Acetate	OSHA	PEL	150 ppm	TWA
Methyl Ethyl Ketone	ACGIH	TLV	300 ppm	STEL
Methyl Ethyl Ketone	OSHA	PEL	300 ppm	STEL
Methyl Ethyl Ketone	OSHA	PEL	200 ppm	TWA
Methyl Ethyl Ketone	ACGIH	TLV	200 ppm	TWA
Toluene	ACGIH	TLV	20 ppm	TWA
Toluene	OSHA	Ceiling	300 ppm	
Toluene	OSHA	PEL	150 ppm	STEL
Toluene	OSHA	PEL	100 ppm	TWA
Xylene	OSHA	PEL	150 ppm	STEL
Xylene	ACGIH	TLV	100 ppm	TWA
Xylene	ACGIH	TLV	150 ppm	STEL
Xylene	OSHA	PEL	100 ppm	TWA

Personal Protection

Eye/Face Protection: Goggles or side-shielded safety glasses.

Skin Protection: Neoprene or butyl rubber gloves.

Respiratory Protection: Use of a NIOSH approved chemical/mechanical filter, designed to remove a combination of particles and vapors.

Hygienic Measures: Wash hands before eating, smoking or using the washroom.

Other Protection Measures: To prevent repeated or prolonged skin contact, wear impervious clothing and boots. Wash contaminated clothing before reuse.

Engineering Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s)

Section 9 - Physical and Chemical Properties

Appearance:	Pink Paste
Color:	Pink
Flash Point:	23F
Upper Flammable Limit:	11.5
Lower Flammable Limit:	0.9
Boiling Point:	175.0
Vapor Density:	Heavier than air

Specific Gravity: 1.40

Solubility in Water: Stable

Section 10 - Stability and Reactivity

Stability/Instability: Stable

Conditions To Avoid: Excessive heat, open flames, spark sources

Incompatible Materials: Oxidizing agents

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, various hydrocarbons, oxides of nitrogen.

Section 11 - Toxicological Information

Acute Toxicity

Ingestion

<1%

Skin Absorption

<1%

Inhalation

<1%

Section 12 - Ecological Information

Section 13 - Disposal Considerations

Disposal Method:

Do not incinerate. Dispose of in accordance with local, state and federal regulations. Do not contaminate lakes, streams, or other water supply.

Container Disposal: Disposal must be made according to official regulations.

Section 14 - Transport Information

DOT

Proper Shipping Name: Adhesive, containing a flammable liquid

Hazard Class: 3

ID Number: UN1133

Packing Group: II

Maritime transport IMDG

IMDG Class: 3

UN Number: UN1133

Label: Flamm. Liquid

Packaging Group: II

EMS Number: F-E, S-D

Maritime Marine Pollutant: No

Proper Shipping Name: ADHESIVE, containing flammable liquid

Air Transport ICAO-TI and IATA-DGR

ICAO/IATA Class: 3

UN/ID Number: UN1133

Label: Flamm. Liquid

Air Packaging Group: II

Proper Shipping Name: Adhesive, containing flammable liquid

Section 15 - Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

The following table list hazardous components and the regulatory lists for which they are required to be reported.

Component: Xylene

CAS Number: 1330-20-7

Amount: <1%

This component is listed in SARA 313

This component is listed with Pennsylvania Right to Know.

This component is listed with Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

This component is listed with the Environmental Protection Agency (EPA) as a possible carcinogen.

This component is listed with the International Agency for Research on Cancer (IARC) as a possible carcinogen.

This component is listed with the American Conference on Governmental Industrial Hygienists (ACGIH) as a possible carcinogen.

Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygienists
CFR	Code of Federal Regulations
DFG	Deutsche Forschungsgemeinschaft
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
MAK	Maximum Allowable Concentration (German)
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
RCRA	Resource Conservation and Recovery Act
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.