

Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 04-24-2012

Section 1 - Product and Company Information

Product Name: Putty Flex Bumper Glaze
Product Part Number(s): 1047

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: Opaque, high viscosity, pourable liquid
Odor: Acrid

Hazards of Product:

WARNING! Flammable Liquid.

Signal Word: WARNING!

Signal Word Hazard: Flammable Liquid

HMIS Rating (Scale 0 - 4)

HEALTH	2	Health = 2
FIRE	3	Fire = 3
PHYSICAL	1	Physical = 1
PERSONAL PROTECTION	G	Personal Protection = G

NFPA Ratings



Potential Health Effects

Eye Contact: May cause irritation. Liquid splashes may result in more serious injuries.

Skin Contact: Can dry and defat skin with resultant irritation and possible dermatitis.

Skin Absorption: Styrene may be absorbed through the skin in toxic amounts. May cause allergic reactions and systematic toxicity.

Inhalation: Dizziness, headaches, breathing difficulties, and possible narcosis. Prolonged exposure to high concentrations may be fatal.

Ingestion: May cause gastrointestinal disturbances, pain, and discomfort.

Section 3 - Composition/Information on Ingredients

Component	CAS #	Amount
Polyester Resin	Proprietary	20-30%
Styrene	100-42-5	20-25%
Talc	14807-96-6	40-45%
Titanium Dioxide	13463-67-7	1-5%

Section 4 - First-Aid Measures

Eye Contact: Flush with large amounts of water until all material is removed. If irritation persists, get medical attention immediately.

Skin Contact: Wash with soap and water. Remove contaminated clothing and wash before re-use. Shower. If irritation persists, see physician.

Inhalation: Move to fresh air. Artificial respiration is necessary. Consult physician immediately.

Ingestion: Do not induce vomiting. Consult physician immediately.

Medical Conditions Aggravated by Exposure: Anesthesia, headache, respiratory irritation, dermatitis, allergic reactions, nausea, and vomiting.

Section 5 - Fire Fighting Measures

Extinguishing Media: Fight source of fire. Dry chemical, carbon dioxide, chemical foam.

Fire Fighting Procedures: Spray water to cool containers. If this material is involved in a fire, NIOSH approved, self-contained breathing apparatus should be worn.

Special Protective Equipment for Firefighters: NIOSH approved, self-contained breathing apparatus should be worn.

Unusual Fire and Explosion Hazards: Vapors are heavy and may concentrate at lower levels creating hazard. At high temperatures, containers may burst.

Hazardous Combustion Products: Chlorine, hydrogen chloride (hydrochloric acid), phosgene

Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled:

Personal Precautions:

Environmental Precautions:

Section 7 - Handling and Storage Exposure Controls/Personal Protection

Section 9 - Physical and Chemical Properties

Appearance:	Liquid
Color:	Beige
Odor:	Acrid
Flash Point:	80° F (26° C)
Upper Flammable Limit:	Not determined
Lower Flammable Limit:	Not determined
Autoignition Temperature:	Not determined
Vapor Pressure:	Not determined
Boiling Point:	>100° C
Vapor Density:	Heavier than air.
Specific Gravity:	1.5
Evaporation Rate:	Slower than n-Butyl Acetate
Percent Volatiles:	23%
Volatile Organic Compounds (VOC):	2.49 lbs/gal (279 grams/liter)

Section 10 - Stability and Reactivity

Stability/Instability: Stable under normal conditions (70° F (21° C) and 14.7 psig (760 mm Hg))

Conditions To Avoid: Excessive heat and freezing temperatures

Incompatible Materials: Oxidizing agents, alkalies and high temperatures.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Chlorine, hydrogen chloride (hydrochloric acid), phosgene.

Section 11 - Toxicological Information

Acute Toxicity

Ingestion

1-5%

Skin Absorption

1-5%

Inhalation

1-5%

Section 12 - Ecological Information

Section 13 - Disposal Considerations

Disposal Method:

Disposal should be in accordance with applicable regional, national and local laws. Local regulations may be more stringent than regional or national requirements.

Section 14 - Transport Information

DOT

Proper Shipping Name: Polyester resin

Hazard Class: #

ID Number: UN3269

Packing Group: III

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: Titanium Dioxide

CAS Number: 13463-67-7

Amount: 1-5%

This component is listed with the National Institute for Occupational Safety and Health (NIOSH) as a possible carcinogen.

Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygenists
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CAS	Chemical Abstract Service
CFR	Code of Federal Regulations
DFG	Deutsche Forschungsgemeinschaft
EPA	Environmental Protection Agency
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
LTEL	Long Term Exposure Limit
MAK	Maximum Allowable Concentration (German)

MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
REL	Recommended Exposure Level
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
VOC	Volitile Organic Compounds
WEEL	Workplace Environmental Exposure Level

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.