

Safety Data Sheet

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed: 02-20-2014

Section 1 - Product and Company Information

Product Name: Putty Flex Bumper Glaze

Product Part Number(s): 1047

Recommended Use: Used for spot filling and skim coating over repair areas on flexible bumpers and plastic parts.

COMPANY IDENTIFICATION:

Urethane Supply Company

1128 Kirk Rd.

Rainsville, AL 35986

Information Email: info@urethanesupply.com

EMERGENCY TELEPHONE NUMBER

24 Hour Emergency Contact

Customer Information Number

Chemtrec - 1-800-424-9300 (Outside USA703-527-3887

256-638-4103 (7AM - 4PM (CST) M-F)

Section 2 - Hazards Identification

Appearance: Opaque, high viscosity, pourable liquid

Odor: Acrid

Hazard Statement:

WARNING! Flammable liquid and vapor. Heating may cause an explosion. Causes mild skin irritation. Causes eye irritation.

Signal Word: WARNING!

Signal Word Hazard: Flammable Liquid

GHS Physical Hazard Pictograms	GHS Health Hazard Pictograms	GHS Environmental Hazard Pictograms
 Flammable	 Irritant	Not Applicable

GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Physical	H226	Flammable liquid and vapor
Physical	H240	Heating may cause an explosion
Health	H316	Causes mild skin irritation
Health	H320	Causes eye irritation

Precautionary Statement:

Keep out of reach of children. Read label before use. Keep away from heat/sparks/open flames/hot surfaces - No smoking. **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. **IF ON SKIN:** Wash with soap and water. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
General	P102	Keep out of reach of children
General	P103	Read label before use
Prevention	P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking
Response	P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
Response	P302+352	IF ON SKIN: Wash with soap and water
Response	P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

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 #	ENIECS	REACH Reg. No.	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 was 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 - Firefighting 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: Remove from ignition sources, ventilate area and vacate area. Allow solvents to evaporate.

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions:

Section 7 - Handling and Storage

General Handling: Wear gloves, goggles and protective clothing to prevent contact with product.

Other Precautions:

Storage: Store material in a cool dry place. Do not store containers in direct sunlight.

Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
Styrene	NIOSH	IDLH	700 ppm	
Styrene	ACGIH	TLV	40 ppm	STEL
Styrene	ACGIH	TLV	20 ppm	TWA
Styrene	OSHA	PEL	100 ppm	TWA
Talc	ACGIH	TLV	2 mg/m3	TWA
Talc	OSHA	PEL	20 mppcf	TWA
Titanium Dioxide	ACGIH	TLV	10 mg/m3	TWA

Titanium Dioxide

OSHA

PEL

15 mg/m3

TWA

Personal Protective Equipment (PPE):

Eye/Face Protection: Chemical splash goggles (ANSI Z 87.1 or approved equivalent)

Skin Protection: Polyvinyl gloves and apron. Wear protective clothing to prevent contact with product.

Respiratory Protection: None required if adequate ventilation is provided.

Hygienic Measures: Wash thoroughly after handling and before eating and drinking.

Engineering Controls: Use exhaust ventilation to keep airborne concentration below exposure limits.

**Section 9 - Physical and Chemical Properties**

Appearance:	Liquid
Color:	Beige
Odor:	Acrid
ph:	Not determined
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
Freezing Point:	Not available
Melting Point:	Not available
Solubility in Water:	Not determined
Evaporation Rate:	Slower than n-Butyl Acetate
Partition Coefficient:	Not available

Decomposition Temperature:	Not determined
Percent Volatiles:	23%
Volatile Organic Compounds (VOC):	2.49 lbs/gal (279 grams/liter)
Visosity:	Not available

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

Not available

Skin Absorption

Not available

Inhalation

Not available

Sensitization

Not available

Acute Dose

Not available

Repeated Dose Toxicity

Not available

Chronic Toxicity and Carcinogenicity

Not available

Corrosivity

Not available

Neurological

Not available

Reproductive Toxicity

Not available

Genetic Toxicity

Not available

Eye Irritation

Not available

Skin Irritation

Not available

Target Organs

Not available

Section 12 - Ecological Information

Movement & Partitioning

Not available

Persistence and Degradability

Not available

ECOTOXICITY

Not available

Bioaccumulation:

Not available

Other Adverse EffectsNot available

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.

Container Disposal: Empty containers should be reconditioned by certified firms (drums, pails).

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%

Titanium Dioxide is listed in SARA 313

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

Titanium Dioxide is listed with the Occupational Safety and Health Administration (OSHA) as a possible carcinogen.

Component: Styrene

CAS Number: 100-42-5

Amount: 20-25%

Styrene is listed in SARA 313

Styrene is listed with the Occupational Safety and Health Administration (OSHA) as a possible carcinogen.

Component: Talc

CAS Number: 14807-96-6

Amount: 40-45%

Talc is listed in SARA 313

Talc is listed with the Occupational Safety and Health Administration (OSHA) as a possible carcinogen.

Component: Polyester Resin

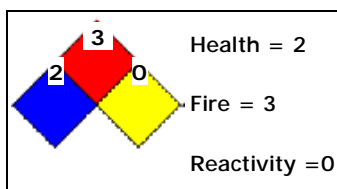
CAS Number: Proprietary

Amount: 20-30%

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



Section 16 - Other Information

Legend

- ACGIH American Conference of Governmental Hygienists
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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

DISCLAIMER

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