

Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-04-14

Section 1 - Product and Company Information

Product Name: Putty Flex Bumper Glaze

Product Part Number(s): 1047, 1047

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

COMPANY IDENTIFICATION:

Polyvance
1128 Kirk Rd.
Rainsville, AL 35986

Information email: info@polyvance.com

EMERGENCY TELEPHONE NUMBER:

24 Hour Emergency contact: Chemtrec: 1-800-424-9300
Outside US: 703-527-3887

Customer Information Number: 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 Pictogram	GHS Health Hazard Pictogram(s)	GHS Environmental Hazard Pictogram
 Flammable	 Irritant	 Health Hazard
		Not Applicable

GHS Hazards Statement Codes for This Product

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

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+33	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
Styrene	100-42-5			20-25%
Talc	14807-96-6			40-45%
Titanium Dioxide	13463-67-7			1-5%
Polyester Resin	Proprietary			20-30%

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.
Special Protective Equipment:	NIOSH approved, self-contained breathing apparatus should be worn.
Unusual Fire or 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
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.

Section 6 - Accidental Release Measures

Personal Precautions: Use personal protection recommended in Section 8.

Methods For Clean Up: Remove from ignition sources, ventilate area and vacate area. Allow solvents to evaporate.

Methods for Containment: Confine as much as possible. Dike and absorb with inert material such as vermiculite.

Section 7 - Handling and Storage

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

Storage Requirements: 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.

HMIS Personal Protection: G



Section 9 - Physical and Chemical Properties

Appearance: Liquid
Color: Beige
Odor: Acrid
Odor Threshold: Not determined
pH: Not determined
Melting Point: Not available
Freezing Point: Not available
Boiling Point: >100 C
Boiling Range: >100 C

Flash Point: 80 F (26 C)
Evaporation Rate: Slower than n-Butyl Acetate
Flammability: Flammable in the presence of the following materials or conditions: heat.
Upper Flammability Limit: Not determined
Lower Flammability Limit: Not determined
Vapor Pressure: Not determined
Vapor Density: Heavier than air.
Specific Gravity: 1.5
Solubility in Water: Not determined
Partition Coefficient: Not available
Autoignition Temperature: Not determined
Decomposition Temperature: Not determined
Viscosity: Not available
Percent Volatiles: 23%
Volatile Organic Compounds (VOC's): 2.49 lbs./gal (279 grams/liter)

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal conditions (70 F (21 C) and 14.7 psi (760 mm Hg))
Conditions to Avoid: Excessive heat and freezing temperatures
Incompatible Materials: Oxidizing agents, alkalis and high temperatures.
Hazardous Decomposition Products: Chlorine, hydrogen chloride (hydrochloric acid), phosgene.
Hazardous Polymerization: Will not occur.

Section 11 - Toxicological Information

Ingestion Toxicity: Not available
Skin Absorption: Not available
Inhalation: Not available
Sensitization: Not available
Acute Dose: Not available
Repeated Dose: Not available
Carcinogenicity: Not available
Corrosivity: Not available
Neurological: Not available
Reproductive: Not available
Genetic: Not available
Developmental: Not available
Eye Irritation: Not available
Skin Irritation: Not available
Target Organs: Not available

Section 12 - Ecological Information

EcoToxicity: Not available
Persistence/Degradability: Not available
Bioaccumulation: Not available

Mobility / Partitioning: Not available

Other Adverse Effects: Not 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

Identification Number: UN3269

Packing Group: III

IMDG (Maritime transport)

IATA (Air transport)

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

Immediate (Acute) Health Hazard: Not available

Delayed (Chronic) Health Hazard: Not available

Fire Hazard: Not available

Reactive Hazard: Not available

Sudden Release of Pressure: Not available

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

Component: Polyester Resin

CAS: Proprietary

Amount: 20-30%

Component: Styrene

CAS: 100-42-5

Amount: 20-25%

Styrene is on the California Prop 65 Cancer list.

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

Component: Talc

CAS: 14807-96-6

Amount: 40-45%

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

Component: Titanium Dioxide

CAS: 13463-67-7

Amount: 1-5%

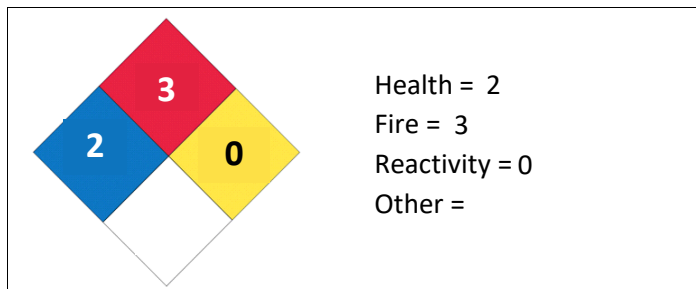
is listed with the National Institute for Occupational Safety and Health (NIOSH) as a possible carcinogen.

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

HMIS Rating (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)
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	Volatile Organic Compounds
WEEL	Workplace Environmental Exposure Level

DISCLAIMER

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