

Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-11-11

Section 1 - Product and Company Information

Product Name: UV Fast Patch

Product Part Number(s): 2044-3,

Recommended Use: To repair broken 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: Soft, tacky material

Odor: Sweet, styrene

Hazard Statement:

DANGER! Harmful if swallowed. May cause an allergic skin reaction. Causes eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing cancer.

Signal Word: DANGER!

Signal Word Hazard:

GHS Physical Hazard Pictogram	GHS Health Hazard Pictogram(s)	GHS Environmental Hazard Pictogram
Not Applicable	 Irritant	 Health Hazard
		Not Applicable

GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Health	H302	Harmful if swallowed
Health	H317	May cause an allergic skin reaction
Health	H320	Causes eye irritation
Health	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
Health	H351	Suspected of causing cancer

Precautionary Statement:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust or vapors. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Prevention	P201	Obtain special instructions before use
Prevention	P202	Do not handle until all safety precautions have been read and understood
Prevention	P261	Avoid breathing dust or vapors
Prevention	P264	Wash hands thoroughly after handling
Prevention	P272	Contaminated work clothing should not be allowed out of the workplace
Prevention	P280	Wear protective gloves/protective clothing/eye protection/face protection

Potential Health Effects

Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Fiberglass	65997-17-3			20 - 25%
Mineral Fillers				45 - 50%
Polyester Resin	113669-95-7			18 - 23%
Styrene Monomer	100-42-5			0.6%

Section 4 - First Aid Measures

Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists: Get medical advice / attention.
Skin Contact:	Wash with plenty of soap and water.
Ingestion:	Call a poison control center / doctor if you feel unwell.

Section 5 - Firefighting Measures

Extinguishing Media:	Water, CO2, or dry chemical.
Special Protective Equipment:	Recommended protective clothing. Full-face, self-contained NIOSH approved breathing apparatus.
Unusual Fire or Explosion Hazards:	None

Section 6 - Accidental Release Measures

Personal Precautions:	Avoid contact with skin and eyes.
Environmental Precautions:	Do not let product enter drains.
Methods For Clean Up:	UV Fast Patch is a flexible solid and cannot leak or spill. In case of accidental release, source of ignition should be removed and the product placed in containers such as covered steel drums to await disposal. Wear appropriate personal protective equipment.

Section 7 - Handling and Storage

General Handling Practices:	Use only in well-ventilated areas. Keep away from heat and sources of ignition. Follow general industrial hygiene practices.
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Storage Requirements: For maximum storage life and to maintain material workability, store below 72° F (22° C). Material is packaged in special bags that are impermeable to styrene. Do not puncture bag. Re-seal after partial use.

Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
Fiberglass dust	OSHA	PEL	15 mg.m3	TWA
Fiberglass dust	NIOSH	TWA	3 fibers/cm3	TWA
Styrene Monomer	OSHA	TWA	100 ppm	PEL
Styrene Monomer	NIOSH	TWA	50 ppm	

Personal Protective Equipment (PPE):

Eye / Face Protection: Safety glasses / goggles to protect against dry particles.

Skin Protection: Before eating, drinking or smoking wash face and hands thoroughly with soap and water. Avoid unnecessary skin contact. Impervious gloves and apron are recommended to prevent skin contact.

Respiratory Protection: Where exposures are below the permissible exposure limit (PEL), no respiratory protection is required. Where exposures exceed the PEL, use respirator approved by NIOSH for the material and level of exposure.

Hygienic Measures: Before eating, drinking or smoking wash face and hands thoroughly with soap and water.

Other Protection Measures: Gloves, long sleeved shirt and safety glasses are recommended to prevent contact with any dust particles generated.

Engineering Controls: It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen – deficient environment. Ensure that dust handling systems such as exhaust ducts, dust collectors, vessels and processing equipment are designed in a manner to prevent the escape of dust into the work area. Use only appropriately classified electrical equipment and powered industrial trucks.

HMIS Personal Protection: B



Section 9 - Physical and Chemical Properties

Appearance: Soft, tacky material of various colors.

Odor Threshold: Low

pH: Not determined

Melting Point: Not available

Freezing Point: Not available

Boiling Point: Not available

Boiling Range: Not available

Flash Point: 840° F (449° C)

Evaporation Rate: 0

Flammability: Self-extinguishing. Does not hold a flame.

Upper Flammability Limit: No data available.

Lower Flammability Limit: No data available.

Vapor Pressure: 4.5 (styrene)

Vapor Density: 3.6 (styrene)

Specific Gravity: Not determined

Solubility in Water: Not soluble in water.

Partition Coefficient: No data available.

Autoignition Temperature: No data available.

Decomposition Temperature: No data available.

Viscosity: Solid

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: High temperatures. Direct UV light.

Incompatible Materials: Oxidizing agents.

Hazardous Decomposition Products: Carbon dioxides.

Products:

Hazardous Polymerization: Not likely under normal conditions.

Section 11 - Toxicological Information

Ingestion Toxicity: Styrene - LD50 (Rat) of 5g/kg

Inhalation: Styrene - LC50 (Rat) of 24 mg/l following 4 hour exposure.

Carcinogenicity: Styrene is an IARC Group 2B Carcinogen.

Eye Irritation: Styrene is a moderate eye irritant.

Skin Irritation: Styrene is a moderate skin irritant.

Section 12 - Ecological Information

EcoToxicity: No information available.

Persistence/Degradability: No information available.

Bioaccumulation: No information available.

Section 13 - Disposal Considerations

Disposal Method: Cure waste material by exposing to UV light (sunlight or artificial) and dispose of as non-hazardous solid waste as per local regulations.

Container Disposal:

Section 14 - Transport Information

DOT

Proper Shipping Name: Not Regulated

IMDG (Maritime transport)

Proper Shipping Name: Not Regulated

IATA (Air transport)

Proper Shipping Name: Not Regulated

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: Styrene Monomer

CAS: 100-42-5

Amount: 0.6%

Styrene Monomer is on the California Prop 65 Cancer list.

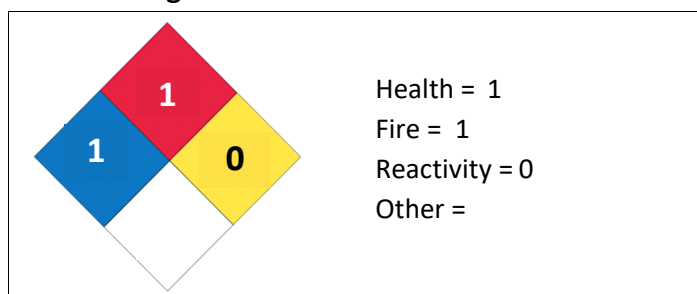
Styrene Monomer is listed with New Jersey Right to Know.

Styrene Monomer is listed with Rhode Island Right to Know.

HMIS Rating (0 - 4)

HEALTH	0	Health = 0
FIRE	0	Fire = 0
PHYSICAL	0	Physical = 0
PERSONAL PROTECTION	B	Personal Protection = B

NFPA Ratings



Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygienists
CAS	Chemical Abstract Service
DOT	Department of Transportation
EPA	Environmental Protection Agency
GHS	Global Harmonized System
IARC	International Agency for Research on Cancer
LC	Lethal Concentration
LD	Lethal Dose
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
TLV	Threshold Limit Value
TWA	Time Weighted Average

DISCLAIMER

This Safety Data Sheet (SDS) is prepared in compliance with GHS Hazcom 2012. The information may be based in part on information provided by component suppliers and is believed to be correct as of the date hereof. However, no warranty or merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of this data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we assume no responsibility for the result of its use. This information and material is furnished on the condition that the person receiving

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