Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-04-15

Section 1 - Product and Company Information

Product Name: Padded Dash Filler

Product Part Number(s): 2050-9, 2050-9

Recommended Use: To repair cracked automobile dashboards

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: Gray, high-viscosity, liquid

Odor: Pungent

Hazard Statement:

WARNING! Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life.

Signal Word: WARNING!

Signal Word Hazard: Flammable liquid and vapor

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

GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Physical	H226	Flammable liquid and vapor
Health	H304	May be fatal if swallowed and enters airways
Health	H332	Harmful if inhaled
Health	H315	Causes skin irritation
Health	H319	Causes serious eye irritation
Health	H335	May cause respiratory irritation
Health	H372	Causes damage to organs through prolonged or repeated exposure
Environmenta	H401	Toxic to aquatic life

Precautionary Statement:

Keep away from heat/sparks/open flames/hot surfaces - No smoking. Keep container tightly closed. Ground/bond container and

receiving equipment. Use explosion-proof electrical/ventilating/light/.../equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Wash ... thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/attention. In case of fire: Use appropriate media for extinction. Store in a well ventilated place. Keep container tightly closed. Dispose of contents/container to appropriate waste site of reclaimer in accordance with local and national regulations..

GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Prevention	P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking
Prevention	P233	Keep container tightly closed
Prevention	P240	Ground/bond container and receiving equipment
Prevention	P241	Use explosion-proof electrical/ventilating/light/.../equipment
Prevention	P242	Use only non-sparking tools
Prevention	P243	Take precautionary measures against static discharge
Prevention	P260	Do not breathe dust/fume/gas/mist/vapours/spray
Prevention	P264	Wash ... thoroughly after handling
Prevention	P271	Use only outdoors or in a well-ventilated area
Prevention	P273	Avoid release to the environment
Prevention	P280	Wear protective gloves/protective clothing/eye protection/face protection
Response	P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Response	P303+361+35	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Response	P332+313	If skin irritation occurs: Get medical advice/attention
Response	P301+330+33	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
Response	P312	Call a POISON CENTER or doctor/physician if you feel unwell
Response	P370+378	In case of fire: Use appropriate media for extinction
Storage	P403+233	Store in a well ventilated place. Keep container tightly closed
Disposal	P501	Dispose of contents/container to appropriate waste site of reclaimer in accordance with local and national regulations.

Potential Health Effects

Eye Contact: Irritating to eyes

Skin Contact: Contact causes skin irritation. Prolonged skin contact may defat skin and produce dermatitis.

Skin Absorption: Harmful by skin absorption.

Inhalation: Harmful by inhalation. May cause irritation of respiratory tract. Inhalation of high vapor concentrations can cause CNS-depression and narcosis.

Ingestion: Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Cancer: Contains a chemical which is listed by the IARC a group 2B cancer causing agent (possibly carcinogenic to humans).

Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Polyester Resin	Proprietary			35%
Styrene Monomer	100-42-5	202-851-5		17%
Talc	14807-96-6	238-877-9		42%
Titanium Dioxide	13463-67-7			6%

Section 4 - First Aid Measures

Eye Contact: Immediately flush eyes for at least 15 minutes. Get medical attention.

Skin Contact: Wash off with warm water and soap. Remove contaminated clothing and shoes. If skin irritation persists, call a physician. Wash contaminated clothing before reuse.

Inhalation: Remove person to fresh air. If signs/symptoms continue, get medical attention. Keep patient warm and at rest. If not breathing, give artificial respiration. If breathing is labored, administer oxygen. Get medical attention immediately.

Ingestion: DO NOT INDUCE VOMITING. ASPIRATION HAZARD. This material may enter the lungs during vomiting. Never give anything by mouth to an unconscious person. GET IMMEDIATE MEDICAL ATTENTION.

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

Section 5 - Firefighting Measures

Extinguishing Media: Foam, CO2, Dry chemical, water fog.

Unusual Fire or Explosion Hazards: Flammable. Vapors may form explosive mixtures with air. Flash back possible over considerable distance. This material may polymerize (react) when its container is exposed to heat (as during a fire). This polymerization increases pressure inside a closed container and may result in the violent rupture of the container.

Fire Fighting Procedures: Wear self contained breathing apparatus to avoid inhalation of vapors.

Section 6 - Accidental Release Measures

Personal Precautions: Remove all sources of ignition. Evacuate personnel to safe areas. Use personal protective equipment. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Soak up with inert absorbent material and dispose of as hazardous waste.

Methods For Clean Up: Soak up with inert absorbent material. Remove from surface water (e.g. by skimming or siphoning). Dispose of contaminated material as waste according to item 13.

Methods for Containment: Prevent spilled material from 1) contaminating soil, 2) entering sanitary sewers, storm sewers, and drainage systems, and 3) entering bodies of water or ditches that lead to waterways. Prevent spreading over a wide area (e.g. by containment or oil barriers).

Section 7 - Handling and Storage

General Handling Practices: Avoid improper addition of promoter or catalyst.

Handling Precautions: Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation. Ground and bond containers when transferring material. Use spark-proof tools and explosion-proof equipment.

Storage Requirements: Keep away from heat and sources of ignition. No smoking. Keep away from direct sunlight. Keep containers tightly closed in a cool, well-ventilated place. To ensure maximum stability and maintain optimum resin properties, resins should be stored in closed containers at temperatures below 77 F (25 C).

Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
Styrene Monomer	OSHA	Ceiling	200 ppm	(skin)
Styrene Monomer	OSHA	STEL	100 ppm	(skin)
Styrene Monomer	ACGIH	TLV	20 ppm	TWA
Talc	OSHA	TWA	2 mg/m3	
Talc	ACGIH	TWA	2 mg/m3	
Titanium Dioxide	OSHA	PEL	15 mg/m3	Total dust
Titanium Dioxide	ACGIH	TWA	10 mg/m3	

Personal Protective Equipment (PPE):

Eye / Face Protection: Wear safety glasses with side shields and a face shield or goggles and a face shield. Ensure that eyewash stations and safety showers are close to the workstation location.

Skin Protection: Wear chemical-resistant gloves such as polyvinyl alcohol or Viton. Gloves made of nitrile rubber or polyvinyl chloride (PVC) may be used for splash protection and brief or intermittent contact with styrenated polyester resin.

RespiratoryProtection: None required if hazards have been assessed and airborne concentrations are maintained below the exposure limits listed in Section 8. Wear an approved air-purifying respirator with organic vapor cartridges and particulate filters where airborne concentrations may exceed exposure limits in Section 8 and/or there is exposure to dust or mists due to sanding, grinding, cutting, or spraying.

Hygenic Measures: Wash hands before eating, smoking, or after possible contamination.

Other Protection Measures: Wear protective clothing to prevent skin contact. Eye wash stations and safety showers should be available.

Engineering Controls: Use general ventilation to maintain airborne concentrations to levels that are below regulatory and recommended occupational exposure limits. Local ventilation may be required during certain operations. Use explosion-proof equipment.

HMIS Personal Protection: G

Section 9 - Physical and Chemical Properties

Appearance:	Gray filler in resin. Pungent odor
Color:	Gray
Odor Threshold:	0.2 ppm (Styrene)
pH:	Not Determined
Melting Point:	Not Available
Freezing Point:	Not Available
Boiling Point:	146 C / 295 F (Styrene)
Boiling Range:	Not Available
Flash Point:	32 C / 89 F
Evaporation Rate:	< 1 (BuAc = 1)
Upper Flammability Limit:	6.1 (Styrene)
Lower Flammability Limit:	1.1 (Styrene)
Vapor Density:	Heavier than air
Specific Gravity:	1.6
Solubility in Water:	Slight
Autoignition Temperature:	490 C / 914 F (Styrene)
Viscosity:	Not measured
Percent Volitiles:	22% by weight

Section 10 - Stability and Reactivity

Chemical Stability:	Stable under normal conditions. Stable under recommended storage conditions.
Conditions to Avoid:	Extreme heat, poor ventilation, exposure to sparks or flames.
Incompatible Materials:	Avoid contact with strong acids, alkaline materials or oxidants.
Hazardous Decomposition Products:	CO, CO2, Low molecular weight hydrocarbons, and organic acids.
Hazardous Polymerization:	Polymerization can occur. Hazardous polymerization will occur if contaminated with peroxides, metal salts and polymerization catalysts. Product will undergo hazardous polymerization at temperatures above 65 C (150 F).

Section 11 - Toxicological Information

Ingestion Toxicity:	LD50, Rat: 5,000mg/kg
SkinAbsorption:	LD50, Rat: >2,000 mg/kh
Inhalation:	LC50, Rat: 11.8 mg/l (4 hours)
Repeated Dose:	In humans, styrene may cause a transient decrease in color discrimination and effects on hearing. Repeated or prolonged exposure may cause skin irritation and dermatitis, due to defatting properties of the product. May cause damage to the kidneys, liver, eyes, brain, respiratory system, central nervous system through prolonged or repeated exposure if inhaled.
Carcinogenicity:	Styrene: Reasonably anticipated to be human carcinogen.
Genetic:	Styrene has given mixed positive and negative results in a number of mutagenicity tests. Styrene was not mutagenic without metabolic activation but gave negative and positive mutagenic results with metabolic activation.
Developmental:	Styrene: Results from studies in experimental animals indicate little or no potential for styrene to produce developmental toxicity.
Eye Irritation:	Studies indicate that exposures to concentrations of styrene above 200 ppm cause irritation of the eyes. Styrene causes transient moderate eye irritation without corneal

involvement.

Target Organs: Liver, Kidney, Central nervous system (CNS), Respiratory system

Section 12 - Ecological Information

EcoToxicity: STYRENE: Bioconcentration factor (BCF): 13.5 fish Log Kow: 2.95

Section 13 - Disposal Considerations

Disposal Method: Dispose of in an approved chemical waste landfill or incinerate in accordance with applicable federal, state and local regulations. Do not contaminate lakes, streams, or other water supplies.

ContainerDisposal: Empty containers should be taken for local recycling, recovery or waste disposal.

Section 14 - Transport Information

DOT

Proper Shipping Name: Polyester Resin Kit
Hazard Class: 3
Identification Number: UN3269
Packing Group: III

Additional DOT Shipping Information: Ships as "Limited Quantity" when net capacity of inner packaging is 5 liters (1.3 gallons) or less. (&sec;173.150(b)(2))

IMDG (Maritime transport)

Proper Shipping Name: Polyester Resin Kit
IMDG Class: 3
UN Number: UN3269

EMS Number: F-E, S-E

IATA (Air transport)

Proper Shipping Name: Polyester Resin Kit
ICAO / IATA Class: 3
UN / ID Number: UN3269

Packing Group III
Additional IATA Shipping Information: Packing Instruction Y370. Not permitted as "Excepted Quantity". "Limited Quantity" when less than 5kg (11 lbs.).

Section 15 - Regulatory Information

Superfund Amendments and Reathorization 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 Realease 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: 35%

Component: Styrene Monomer
CAS: 100-42-5
Amount: 17%

Styrene Monomer is on the California Prop 65 Cancer list.
Styrene Monomer is listed with Massachusetts Right to Know.
Styrene Monomer is listed with Minnesota Right to Know.
Styrene Monomer is listed with New Jersey Right to Know.
Styrene Monomer is listed with Pennsylvania Right to Know.

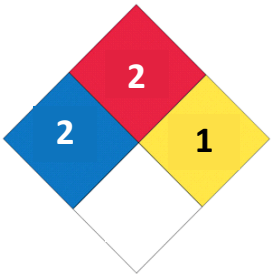
Component: Talc
CAS: 14807-96-6
Amount: 42%

Talc is listed with the Illinois toxic substances disclosure to employee act.
Talc is listed with Minnesota Right to Know.
Talc is listed with Pennsylvania Right to Know.
Talc is listed with Rhode Island Right to Know.

HMIS Rating (0 - 4)

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

NFPA Ratings



Health = 2
Fire = 2
Reactivity = 1
Other =

Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygenists
CAS	Chemical Abstract Service
CFR	Code of Federal Regulations
DFG	Deutsche Forschungsgemeinschaft
EINECS	European Inventory of Existing Commercial Chemical Substances
EPA	Environmental Protection Agency
GHS	Global Harmonized System
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
LC	Lethal Concentration
LD	Lethal Dose
LTEL	Long Term Exposure Limit
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
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

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 my 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 it shall make his/her own determination as the suitability of the material for his/her particular purpose and on the condition that he/she assume the risk of his/her use thereof.