

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: Plastifix Powder, Black

Product Part Number(s): 2532, 2532, 2532-L

Recommended Use: To repair broken 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: Black powder

Odor: Not available

Hazard Statement:

Not Applicable May be harmful if swallowed. May cause an allergic skin reaction. May be harmful if inhaled.

Signal Word: Not Applicable

Signal Word Hazard:

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

GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Health	H303	May be harmful if swallowed
Health	H317	May cause an allergic skin reaction
Health	H333	May be harmful if inhaled

Precautionary Statement:

Keep out of reach of children. Read label before use. Do not get in eyes, on skin, or on clothing.

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	P262	Do not get in eyes, on skin, or on clothing

Potential Health Effects

Eye Contact:	May be irritated by gross overexposure, no matter how generated. Keep dust out of eyes.
Skin Contact:	May be irritated by gross overexposure, no matter how generated. May cause dryness.
Skin Absorption:	May cause dryness.
Inhalation:	May irritate eyes, skin and respiratory tract.
Ingestion:	OSHA classifies the material as Particulates, not otherwise classified.

Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Particulates not otherwise classified				60-100%
Residual monomers	NA			0.5-5.0%
Benzoyl Peroxide	94-36-0			0.5-1.5%

Section 4 - First Aid Measures

Eye Contact:	Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.
Skin Contact:	Wash with soap and water. Get medical help if discomfort persists.
Inhalation:	Remove to fresh air. Get medical help if discomfort persists.
Ingestion:	Rinse mouth with water. Call doctor if amount was large.

Section 5 - Firefighting Measures

Extinguishing Media:	Water, carbon dioxide, dry chemical.
Unusual Fire or Explosion Hazards:	Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.
Fire Fighting Procedures:	Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust into air, producing a fire hazard and possible explosion hazard if exposed to ignition source.

Section 6 - Accidental Release Measures

Methods For Clean Up:	Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.
Methods for Containment:	Dispose in a landfill or incinerate according to Federal, State and Local regulations.

Section 7 - Handling and Storage

General Handling Practices:	Keep out of reach of children.
Handling Precautions:	Use in well ventilated areas. Wear gloves when handling powder.
Storage Requirements:	Store in a cool dry place. Keep container closed to prevent water absorption and contamination.

Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
Benzoyl Peroxide	OSHA	PEL-TWA	5 mg/m ³	
Benzoyl Peroxide	ACGIH	TLV-TWA	5 mg/m ³	
Particulates not otherwise classified	OSHA	PEL-TWA	15 mg/m ³	

Personal Protective Equipment (PPE):

Eye / Face Protection: Safety glasses of chemical splash goggles.

Skin Protection: Impervious nitrile, if hot plastic is handled.

Respiratory Protection: Use type for Particulates not otherwise classified, if needed.

Hygienic Measures: Wash face and hands thoroughly with soap and water after use and before eating, drinking smoking or applying cosmetics.

Other Protection Measures: Provide eyewash, safety shower and impervious clothing are recommended.

Engineering Controls: Use good, local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

HMIS Personal Protection: B



Section 9 - Physical and Chemical Properties

Appearance: Fine powder. Faint odor in bulk.

Color: Black

Odor Threshold: Not determined

pH: Not determined

Melting Point: Not available

Freezing Point: Not available

NA

Boiling Range: Not available

Flash Point: 580F

Evaporation Rate: Not available

Flammability: Not available

Upper Flammability Limit: Not available

Lower Flammability Limit: Not available

Vapor Pressure: Not available

Vapor Density: NA

Specific Gravity: 1.25

Solubility in Water: Insoluble

Partition Coefficient: Not available

Autoignition Temperature: Not available

Decomposition Temperature: Not available

Viscosity: Not available

Section 10 - Stability and Reactivity

Chemical Stability: Stable

Conditions to Avoid: Heating above 464 F (240 C)

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Methacrylate monomer and oxides of carbon when burned.

Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information

Ingestion Toxicity: Not determined

Skin Absorption: Not determined

Inhalation: Not determined

Sensitization: Not determined

Acute Dose: Not determined

Repeated Dose: Not determined

Carcinogenicity: Not determined

Corrosivity: Not determined

Neurological: Not determined

Reproductive: Not determined

Genetic: Not determined

Developmental: Not determined

Eye Irritation: Not determined

Skin Irritation: Not determined

Target Organs: Not determined

Section 12 - Ecological Information

EcoToxicity: Not determined

Persistence/Degradability: Not determined

Bioaccumulation: Not determined

Mobility / Partitioning: Not determined

Other Adverse Effects: Not determined

Section 13 - Disposal Considerations

Disposal Method: Dispose in a landfill or incinerate according to Federal, State and Local regulations.

Container Disposal: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards, due to residual material associated with empty containers. It is our policy to discourage the reuse of empty containers and to dispose of all empty containers properly in accordance with Federal, State and Local regulations.

Section 14 - Transport Information

DOT

Proper Shipping Name: Synthetic Gum Resin Granular, NOIBN

Additional DOT Shipping Information: Not regulated as a hazardous material or dangerous goods for transportation by this agency.

IMDG (Maritime transport)

Additional IMDG Information: Not regulated as a hazardous material or dangerous goods for transportation by this agency.

IATA (Air transport)

Additional IATA Shipping Information: Not regulated as a hazardous material or dangerous goods for transportation by this agency.

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: Benzoyl Peroxide

CAS: 94-36-0

Amount: 0.5-1.5%

Benzoyl Peroxide is listed with Massachusetts Right to Know.

Benzoyl Peroxide is listed with New Jersey Right to Know.

Benzoyl Peroxide is listed with Pennsylvania Right to Know.

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

Component: Particulates not otherwise classified

CAS:

Amount: 60-100%

Component: Residual monomers

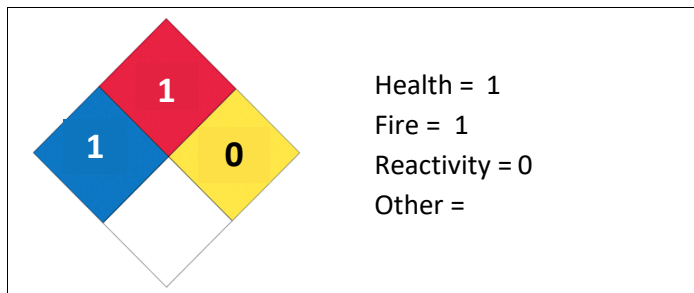
CAS: NA

Amount: 0.5-5.0%

HMIS Rating (0 - 4)

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

NFPA Ratings



Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygenists
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CFR	Code of Federal Regulations
CFR	Code of Federal Regulations
DFG	Deutsche Forschungsgemeinschaft
DFG	Deutsche Forschungsgemeinschaft
HMIS	Hazardous Materials Identification System
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
IARC	International Agency for Research on Cancer
MAK	Maximum Allowable Concentration (German)
MAK	Maximum Allowable Concentration (German)

NFPA	National Fire Protection Association
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
OEL	Occupational Exposure Limit
RCRA	Resource Conservation and Recovery Act
RCRA	Resource Conservation and Recovery Act
STEL	Short Term Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TLV	Threshold Limit Value
TWA	Time Weighted Average
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 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.