

Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-09-21

Section 1 - Product and Company Information

Product Name: PVC Welding Rod

Product Part Number(s): R09-04-08-GY, 5003R9, R9-1, 5003R9-57T, 5003R9-70T, R09-AA-BB-CC (Where AA is rod profile, BB

Recommended Use: This material is used with a plastic welder to repair broken PVC 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: Gray rods

Odor: Not available

Hazard Statement:

Not applicable

Signal Word: Not Applicable

Signal Word Hazard: Not Applicable

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
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Precautionary Statement:

. Avoid breathing dust/fumes/vapors.

GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Prevention	P261	Avoid breathing dust/fumes/vapors

Potential Health Effects

Eye Contact: Resin particles, like other inert materials, can be mechanically irritating to eyes.

Skin Absorption: Experience shows no unusual dermatitis hazard from routine handling.

Inhalation: Resin particles, like other inert materials, can be mechanically irritating.

Ingestion: May be harmful if swallowed

Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Dibutyltin mercaptide	10584-98-2			1-5%
Polyvinyl chloride	9002-86-2			95-99%

Section 4 - First Aid Measures

Eye Contact:	Flush eyes with water as a precaution.
Skin Contact:	Contact with molten resin can cause severe thermal burns. Cool rapidly with water and immediately seek medical attention. Do not attempt removal of plastic without medical assistance. Do not use solvent for removal.
Inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water.
Medical Conditions Aggravated by Exposure:	None known.

Section 5 - Firefighting Measures

Extinguishing Media:	Carbon dioxide blanket, water spray, dry powder, foam none.
Unusual Fire or Explosion Hazards:	May emit hydrogen chloride (HCl) or Carbon Monoxide (CO) under fire conditions. Carbon dioxide (CO ₂), carbon monoxide (CO) oxides of nitrogen (NO _x), other hazardous materials, and smoke are all possible.
Fire Fighting Procedures:	Full-face self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.

Section 6 - Accidental Release Measures

Methods For Clean Up:	Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.
Methods for Containment:	Like most thermoplastics, the product can be recycled. Where possible, recycling is preferred to disposal or incineration. Dispose of in accordance with applicable federal, state/provincial and local regulations.

Section 7 - Handling and Storage

General Handling Practices:	Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep in a dry, cool place.
Storage Requirements:	Take measures to prevent the build up of electrostatic charge. Heat only in areas with appropriate exhaust ventilation.

Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
Polyvinyl chloride	ACGIH	TWA	1.0 mg/m ³	

Personal Protective Equipment (PPE):

Eye / Face Protection:	Goggles or safety glasses.
Skin Protection:	Not normally required.
Respiratory Protection:	No personal respiratory protective equipment is normally required.

Hygienic Measures:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Other Protection Measures:	Long sleeved clothing.
Engineering Controls:	No special ventilation is usually necessary. If ventilation cannot be acquired, wear NIOSH approved respirator.
HMIS Personal Protection:	A



Section 9 - Physical and Chemical Properties

Appearance:	Gray resinous rods approximately 1/8th inch (3 mm) in diameter
Odor Threshold:	Not determined
pH:	Not determined
Melting Point:	Not determined
Freezing Point:	Not determined N/A
Boiling Range:	Not determined
Flash Point:	Not determined
Evaporation Rate:	Not determined
Flammability:	Not determined
Upper Flammability Limit:	Not determined
Lower Flammability Limit:	Not determined
Vapor Pressure:	Not determined
Vapor Density:	N/A
Specific Gravity:	1.4 g/ml at 25 C (77 F)
Solubility in Water:	Insoluble
Partition Coefficient:	Not determined
Autoignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined

Section 10 - Stability and Reactivity

Chemical Stability:	Stable under recommended storage conditions.
Conditions to Avoid:	Keep away from oxidizing agents and open flame. To avoid thermal decomposition, do not overheat.
Incompatible Materials:	Incompatible with strong acids and oxidizing agents. Avoid contact with acetal homopolymers and acetal copolymers during process
Hazardous Decomposition Products:	Carbon dioxide (CO ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), other hazardous materials, and smoke are all possible. Prolonged heating above 392F (200C) may result in product decomposition and evolution of carbon monoxide and hydrogen chloride.
Hazardous Polymerization:	Will not occur

Section 11 - Toxicological Information

Ingestion Toxicity: Not available
SkinAbsorption: 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: No information available.
PersistenceDegrdability: No information available.
Bioaccumulation: No information available.
Mobility / Partitioning: No information available.

Section 13 - Disposal Considerations

Disposal Method: Like most thermoplastics, the product can be recycled. Where possible, recycling is preferred to disposal or incineration. Dispose of in accordance with applicable federal, state/provincial and local regulations.

ContainerDisposal: Disposal must be made according to official regulations.

Section 14 - Transport Information

DOT

Proper Shipping Name: Not Regulated

IMDG (Maritime transport)

Proper Shipping Name: Not dangerous goods.

IATA (Air transport)

Proper Shipping Name: Not dangerous goods.

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: Dibutyltin mercaptide

CAS: 10584-98-2

Amount: 1-5%

Component: Polyvinyl chloride

CAS: 9002-86-2

Amount: 95-99%

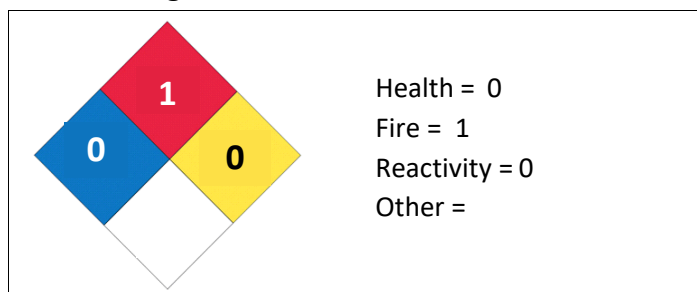
Polyvinyl chloride is listed with New Jersey Right to Know.

Polyvinyl chloride is listed with Pennsylvania Right to Know.

HMIS Rating (0 - 4)

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

NFPA Ratings



Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygienists
CFR	Code of Federal Regulations
DFG	Deutsche Forschungsgemeinschaft
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
MAK	Maximum Allowable Concentration (German)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
RCRA	Resource Conservation and Recovery Act
STEL	Short Term Exposure Limit
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

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