

# Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-04-21

## Section 1 - Product and Company Information

**Product Name:** PVC Welding Rod

**Product Part Number(s):** R09-01-03-GY, 5003R9, R9-1, 5003R9-57T, 5003R9-70T, R09-AA-BB-CC (Where AA is rod profile, BB

**Recommended Use:**

**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

<b>Eye Contact:</b>	Flush eyes with water as a precaution.
<b>Skin Contact:</b>	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.
<b>Inhalation:</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
<b>Ingestion:</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water.
<b>Medical Conditions Aggravated by Exposure:</b>	None known.

## Section 5 - Firefighting Measures

<b>Extinguishing Media:</b>	Carbon dioxide blanket, water spray, dry powder, foam none.
<b>Unusual Fire or Explosion Hazards:</b>	May emit hydrogen chloride (HCl) or Carbon Monoxide (CO) under fire conditions. Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO) oxides of nitrogen (NO <sub>x</sub> ), other hazardous materials, and smoke are all possible.
<b>Fire Fighting Procedures:</b>	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

<b>Methods For Clean Up:</b>	Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.
<b>Methods for Containment:</b>	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

<b>General Handling Practices:</b>	Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep in a dry, cool place.
<b>Storage Requirements:</b>	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 <sup>3</sup>	

### Personal Protective Equipment (PPE):

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

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




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## Section 9 - Physical and Chemical Properties

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

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## Section 10 - Stability and Reactivity

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<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	Keep away from oxidizing agents and open flame. To avoid thermal decomposition, do not overheat.
<b>Incompatible Materials:</b>	Incompatible with strong acids and oxidizing agents. Avoid contact with acetal homopolymers and acetal copolymers during process
<b>Hazardous Decomposition Products:</b>	Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), oxides of nitrogen (NO <sub>x</sub> ), 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.
<b>Hazardous Polymerization:</b>	Will not occur

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## Section 11 - Toxicological Information

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**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

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## Section 12 - Ecological Information

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**EcoToxicity:** No information available.  
**PersistenceDegrdability:** No information available.  
**Bioaccumulation:** No information available.  
**Mobility / Partitioning:** No information available.

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## Section 13 - Disposal Considerations

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**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.

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## Section 14 - Transport Information

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### DOT

**Proper Shipping Name:** Not dangerous goods.

## **IMDG (Maritime transport)**

**Proper Shipping Name:** Not dangerous goods.

## **IATA (Air transport)**

**Proper Shipping Name:** Not dangerous goods.

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## **Section 15 - Regulatory Information**

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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

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**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%

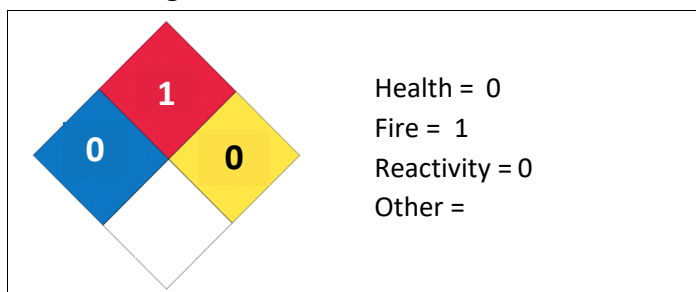
Polyvinyl chloride is listed with New Jersey Right to Know.

Polyvinyl chloride is listed with Pennsylvania Right to Know.

#### HMIS Rating (0 - 4)

<b>HEALTH</b>	<b>0</b>	Health = 0
<b>FIRE</b>	<b>0</b>	Fire = 0
<b>PHYSICAL</b>	<b>0</b>	Physical = 0
<b>PERSONAL PROTECTION</b>	<b>A</b>	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

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