

# Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-04-23

## Section 1 - Product and Company Information

**Product Name:** PC+ABS Plastic Welding Rod

**Product Part Number(s):** R20-01-03-WH, R20-XX-YY-ZZ (Where XX is the rod profile, YY is the package quantity, and ZZ is the

**Recommended Use:** Plastic welding rod to repair auto collision damaged PC+ABS 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:** White 3mm diameter sticks

**Odor:** None

**Hazard Statement:**

Not Applicable No Hazard Statement Needed. This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**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
A	1	No Hazard Statement Needed. This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Precautionary Statement:**

Avoid breathing fumes when welding.

### GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Prevention	P261	Avoid breathing fumes when welding

## Potential Health Effects

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## Section 3 - Composition / Information on Ingredients

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Component	CAS #	ENIECS	REACH Reg. No.	Amount
Polycarbonate	25971-63-5			60 - 80%
Acrylonitrile Butadiene Styrene (ABS)	9003-56-9			20 - 40%
Colorants				<4%

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## Section 4 - First Aid Measures

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<b>Eye Contact:</b>	In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If irritation develops, seek medical attention.
<b>Skin Contact:</b>	For thermal burns caused by molten material, immediately flush with cold water. Do not attempt to remove cooled material. Burns caused by molten material may require hospital treatment.
<b>Inhalation:</b>	If welding fumes are bothersome, remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Consult a physician.
<b>Ingestion:</b>	Ingestion is not likely in the available physical form. If ingested, seek medical attention. Consult a physician.

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## Section 5 - Firefighting Measures

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<b>Extinguishing Media:</b>	Suitable extinguishing media: water spray, foam, dry powder.
<b>Special Protective Equipment:</b>	Protective equipment for fire-fighting: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

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## Section 6 - Accidental Release Measures

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<b>Personal Precautions:</b>	No special precautions necessary.
<b>Environmental Precautions:</b>	No special precautions necessary.

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## Section 7 - Handling and Storage

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<b>General Handling Practices:</b>	Ensure thorough ventilation of stores and work areas. Handle in accordance with good industrial hygiene and safety practice.
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## Section 8 - Precautions to Control Exposure / Personal Protection

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### Personal Protective Equipment (PPE):

<b>Eye / Face Protection:</b>	Wear safety glasses with side shields.
<b>Skin Protection:</b>	Not necessary unless material is in molten form. Canvas or cotton gloves are recommended.
<b>Respiratory Protection:</b>	Use a respirator if welding fumes become bothersome.
<b>Hygienic Measures:</b>	Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.
<b>Engineering Controls:</b>	A continuous supply of fresh air to the workplace together with removal of welding fumes through exhaust systems is recommended.

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## Section 9 - Physical and Chemical Properties

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<b>Appearance:</b>	White plastic rods
<b>Odor Threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting Point:</b>	This product softens gradually over a wider temperature range.
<b>Freezing Point:</b>	Not available.
<b>Boiling Point:</b>	Not available.
<b>Boiling Range:</b>	Not available.
<b>Flash Point:</b>	Not available.
<b>Evaporation Rate:</b>	Not available.
<b>Upper Flammability Limit:</b>	No data available.
<b>Lower Flammability Limit:</b>	No data available.
<b>Vapor Pressure:</b>	Negligible.
<b>Vapor Density:</b>	No data available.
<b>Specific Gravity:</b>	No data available.
<b>Solubility in Water:</b>	Insoluble.
<b>Partition Coefficient:</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>Viscosity:</b>	No data available.

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## Section 10 - Stability and Reactivity

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<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	Incompatible materials, including strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition can yield intense heat, dense smoke, phenols, hydrogen cyanide, styrene, carbon dioxide, and carbon monoxide.

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## Section 11 - Toxicological Information

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<b>Ingestion Toxicity:</b>	Not available.
<b>Skin Absorption:</b>	Not available.
<b>Inhalation:</b>	Not available.
<b>Sensitization:</b>	Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.
<b>Acute Dose:</b>	Not available.
<b>Repeated Dose:</b>	Not available.
<b>Skin Irritation:</b>	No data available.

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## Section 12 - Ecological Information

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<b>EcoToxicity:</b>	No specific ecological information is available.
<b>Persistence/Degradability:</b>	No information available.
<b>Bioaccumulation:</b>	Not available.

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## Section 13 - Disposal Considerations

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**Disposal Method:** Waste or unused product may be discarded in accordance with state, federal, and local regulations.

**Container Disposal:**

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## Section 14 - Transport Information

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### DOT

**Additional DOT Shipping Information:** Not classified as a dangerous good under transport regulations.

### IMDG (Maritime transport)

**Additional IMDG Information:** Not classified as a dangerous good under transport regulations.

### IATA (Air transport)

**Additional IATA Shipping Information:** Not classified as a dangerous good under transport regulations.

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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:** Acrylonitrile Butadiene Styrene (ABS)

**CAS:** 9003-56-9

**Amount:** 20 - 40%

**Component:** Polycarbonate

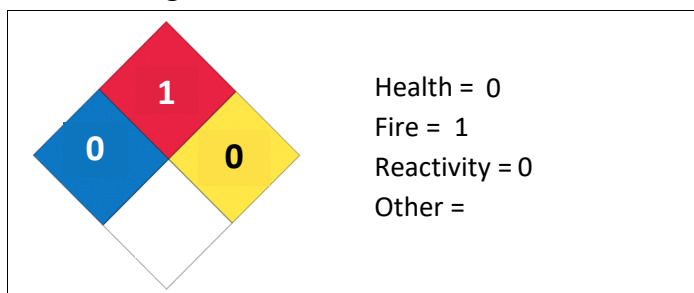
**CAS:** 25971-63-5

**Amount:** 60 - 80%

#### HMIS Rating (0 - 4)

<b>HEALTH</b>	<b>0</b>	Health = 0
<b>FIRE</b>	<b>1</b>	Fire = 1
<b>PHYSICAL</b>	<b>0</b>	Physical = 0
<b>PERSONAL PROTECTION</b>		Personal Protection =

#### NFPA Ratings



## Section 16 - Other Information

### Legend

CAS	Chemical Abstract Service
CFR	Code of Federal Regulations
DOT	Department of Transportation
NIOSH	National Institute for Occupational Safety and Health

### DISCLAIMER

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