

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): R20-01-08-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

Section 3 - Composition / Information on Ingredients

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

Section 4 - First Aid Measures

Eye Contact:	In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If irritation develops, seek medical attention.
Skin Contact:	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.
Inhalation:	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.
Ingestion:	Ingestion is not likely in the available physical form. If ingested, seek medical attention. Consult a physician.

Section 5 - Firefighting Measures

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

Section 6 - Accidental Release Measures

Personal Precautions:	No special precautions necessary.
Environmental Precautions:	No special precautions necessary.

Section 7 - Handling and Storage

General Handling Practices:	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

Personal Protective Equipment (PPE):

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

Section 9 - Physical and Chemical Properties

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

Section 10 - Stability and Reactivity

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

Section 11 - Toxicological Information

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

Section 12 - Ecological Information

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

Section 13 - Disposal Considerations

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

Container Disposal:

Section 14 - Transport Information

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.

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: Acrylonitrile Butadiene Styrene (ABS)

CAS: 9003-56-9

Amount: 20 - 40%

Component: Polycarbonate

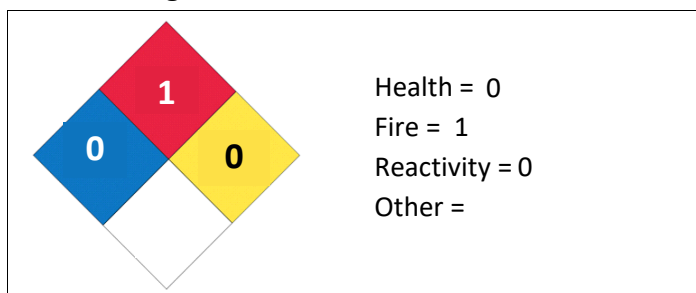
CAS: 25971-63-5

Amount: 60 - 80%

HMIS Rating (0 - 4)

HEALTH	0	Health = 0
FIRE	1	Fire = 1
PHYSICAL	0	Physical = 0
PERSONAL PROTECTION		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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