Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2025-04-09

Section 1 - Product and Company Information

Product Name: Polycarbonate rod

Product Part Number(s): R07-01-03-GN, 5003R7, R7-1, R07-AA-BB-CC (Where AA is rod profile, BB is package size, CC is colo

Recommended Use: This product was designed for use in auto body shops to weld together broken polycarbonate 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: Resinous rods

Odor: None or slight

Hazard Statement: Not a hazardous substance or mixture.

Signal Word: Not Applicable

Signal Word Hazard: Not Applicable

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

GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text

Precautionary Statement: Avoid breathing fumes/vapors when melting.

GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Prevention	P261	Avoid breathing fumes/vapors when melting.

Potential Health Effects

Eye Contact: The cool solid material is not expected to cause eye irritation. Thermal burns may result from contact with the hot material.

Skin Absorption: If molten material comes in contact with the skin, cool under ice water or a running stream of

water. Do not attempt to remove the material from the skin. Removal could result in severe tissue damage. Get medical attention.

Inhalation: Prolonged or repeated inhalation of vapors or fumes from the heated material may be irritating to the upper respiratory tract.

Ingestion: N/A

Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Bisphenol-A Polycarbonate	111211-39-3			>99%

Section 4 - First Aid Measures

Eye Contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists, consult a specialist.

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 remova

Inhalation: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. If symptoms persist, call a physician.

Ingestion: No hazards which require special first aid measures.

Medical Conditions Aggravated by Exposure: None

Section 5 - Firefighting Measures

Extinguishing Media: Water

Unusual Fire or Explosion Hazards: None

Fire Fighting Procedures: MSHA/NIOSH approved pressure demand breathing apparatus should be used.

Section 6 - Accidental Release Measures

Methods For Clean Up: If melted material is spilled, allow it to cool and solidify. Place material in disposal containers and dispose of in a manner consistent with applicable regulations.

Methods for Containment: Contact local environmental or health authorities for approved disposal of this material. If safe and practicable, reclaim material.

Section 7 - Handling and Storage

General Handling Practices: Keep out of reach of children. For professional use only. Not intended for sale to the general public.

Storage Requirements: Store in a cool, dry, well-ventilated area.

Section 8 - Precautions to Control Exposure / Personal Protection

Personal Protective Equipment (PPE):

Eye / Face Protection: Goggles or safety glasses.

Skin Protection:	Not normally required.
RespiratoryProtection:	Not normally required. If ventilation cannot be acquired, wear NIOSH approved respirator.
Hygenic Measures:	Wash hands before eating, smoking, or using the washroom.
Other Protection Measures:	None
Engineering Controls:	No special ventilation is usually necessary. However, if operating conditions create high airborne concentrations of gases or fumes, special ventilation may be needed.
HMIS Personal Protection:	A

Section 9 - Physical and Chemical Properties

Appearance:	Green strips of plastic
Odor Threshold:	Not determined
pH:	Not determined
Melting Point:	Softens gradually over a wide range of temperatures
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 applicable
Vapor Density:	N/A
Specific Gravity:	1.2 to 1.5
Solubility in Water:	Not Soluble
Partition Coefficient:	Not determined
Autoignition Temperature:	Above 842 F (450 C) ASTM D-1929B
Decomposition Temperature:	Not determined
Viscosity:	Not determined

Section 10 - Stability and Reactivity

Chemical Stability:	Stable
Conditions to Avoid:	All plastic materials may generate static electricity and should not be used around explosive mixtures.
Incompatible Materials:	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, hydrocarbons, phenolic compounds, acrylates at elevated temperatures.
Hazardous Polymerization:	Will Not Occur

Section 11 - Toxicological Information

Ingestion Toxicity: Ingestion unlikely due to physical form.
Inhalation: Inhalation unlikely due to physical form.
Sensitization: No information available.
Acute Dose: No information available.
Repeated Dose: No information available.
Carcinogenicity: No information available.
Corrosivity: No information available.
Neurological: No information available.
Reproductive: No information available.
Genetic: No information available.
Developmental: No information available.
Eye Irritation: Mechanically irritating to eyes.
Target Organs: No information available.

Section 12 - Ecological Information

EcoToxicity: Ecological damages are not known or expected under normal use.
PersistenceDegrdability: No information available.
Bioaccumulation: No information available.
Mobility / Partitioning: No information available.
Other Adverse Effects: No information available.

Section 13 - Disposal Considerations

Disposal Method: Contact local environmental or health authorities for approved disposal of this material. If safe and practicable, reclaim material.

ContainerDisposal: Disposal must be made according to official regulations.

Section 14 - Transport Information

DOT

Proper Shipping Name: Not Regulated

Additional DOT Shipping Information: Not regulated as hazardous for shipment.

IMDG (Maritime transport)

Additional IMDG Information: Not regulated as hazardous for shipment.

IATA (Air transport)

Additional IATA Shipping Information: Not regulated as hazardous for shipment.

Section 15 - Regulatory Information

Superfund Amendments and Reathorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Immediate (Acute) Health Hazard:	No
Delayed (Chronic) Health Hazard:	No
Fire Hazard:	No
Reactive Hazard:	No
Sudden Realease of Pressure:	No

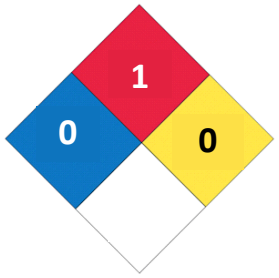
The following lists hazardous components and the regulatory lists for which they are required to be reported.

Component: Bisphenol-A Polycarbonate
CAS: 111211-39-3
Amount: >99%

HMIS Rating (0 - 4)

HEALTH	0	Health = 0
FIRE	1	Fire = 1
PHYSICAL	0	Physical = 0
PERSONAL PROTECTION	A	Personal Protection = A

NFPA Ratings



Health = 0
Fire = 1
Reactivity = 0
Other =

Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygenists
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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