

# Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-04-17

## Section 1 - Product and Company Information

**Product Name:** TPO Blended Gray Rod

**Product Part Number(s):** R05-04-03-GY, 5003R5, R5-1, R05-AA-BB-CC (Where AA is rod profile, BB is package size, CC is color)

**Recommended Use:** These rods are used with a plastic welder to repair broken plastic.

**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 rod

**Odor:** 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	Not Applicable	Not Applicable

### GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text
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**Precautionary Statement:**

Not a hazardous substance or mixture.

### GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
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## 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 Contact:** 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

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## Section 3 - Composition / Information on Ingredients

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Component	CAS #	ENIECS	REACH Reg. No.	Amount
Propylene, ethylene copolymer	9010-79-1			>95%
Thermoplastic Rubber	Mixture			<5%

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## Section 4 - First Aid Measures

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**Eye Contact:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Skin Contact:** If the molten material gets on skin, quickly cool with water. Seek immediate medical attention. Do not try to peel the solidified material from the skin or use solvents or thinners to dissolve it.

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

**Ingestion:** Unlikely to be ingested. Do not induce vomiting without medical advice.

**Medical Conditions** None

**Aggravated by Exposure:**

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## Section 5 - Firefighting Measures

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**Extinguishing Media:** Water spray, dry chemical, foam, or carbon dioxide

**Special Protective Equipment:** Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.

**Unusual Fire or Explosion Hazards:** N/A

**Fire Fighting Procedures:** Use self contained breathing apparatus and protective clothing for structural fire fighting.

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## Section 6 - Accidental Release Measures

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**Methods For Clean Up:** If liquid 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.

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## Section 7 - Handling and Storage

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**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.

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## Section 8 - Precautions to Control Exposure / Personal Protection

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### Personal Protective Equipment (PPE):

**Eye / Face Protection:** Goggles or safety glasses.

**Skin Protection:** Not normally required.

**Respiratory Protection:** Not normally required. If ventilation cannot be acquired, wear NIOSH approved respirator.

**Hygienic 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



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## Section 9 - Physical and Chemical Properties

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**Appearance:** Gray resinous rods, approximately 1/8 inch in diameter

**Odor Threshold:** Not determined

**pH:** No data available

**Melting Point:** Softening at 110C - 165C (230F - 329F)

**Freezing Point:** Not determined  
N/A

**Boiling Range:** Not determined

**Flash Point:** 235C (455F)

**Evaporation Rate:** Not determined

**Flammability:** No data available.

**Upper Flammability Limit:** No data available.

**Lower Flammability Limit:** No data available.

**Vapor Pressure:** Not determined

**Vapor Density:** No data available

**Specific Gravity:** 0.88-0.92

**Solubility in Water:** Not Soluble

**Partition Coefficient:** Not determined

**Autoignition Temperature:** Not determined

**Decomposition Temperature:** Not determined

**Viscosity:** Not determined

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## Section 10 - Stability and Reactivity

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**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, ketones, acrolein, aldehydes, unidentified organic compounds.

**Hazardous Polymerization:** Will Not Occur

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## Section 11 - Toxicological Information

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**Ingestion Toxicity:** None known.  
**Skin Absorption:** None known  
**Inhalation:** None known.  
**Sensitization:** Not expected to be a skin sensitizer.  
**Acute Dose:** None known.  
**Repeated Dose:** None known.  
**Carcinogenicity:** No data available.  
**Corrosivity:** No data available.  
**Neurological:** No data available.  
**Reproductive:** No data available.  
**Genetic:** No data available.  
**Developmental:** No data available.  
**Eye Irritation:** No data available.  
**Skin Irritation:** No data available.  
**Target Organs:** No data available.

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## Section 12 - Ecological Information

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**EcoToxicity:** No data available.  
**Persistence/Degradability:** No data available.  
**Bioaccumulation:** No data available.  
**Mobility / Partitioning:** No data available.  
**Other Adverse Effects:** No data available.

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## Section 13 - Disposal Considerations

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

## **IMDG (Maritime transport)**

**Proper Shipping Name:** Not regulated.

## **IATA (Air transport)**

**Proper Shipping Name:** Not regulated.

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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:** Propylene, ethylene copolymer

**CAS:** 9010-79-1

**Amount:** >95%

**Component:** Thermoplastic Rubber

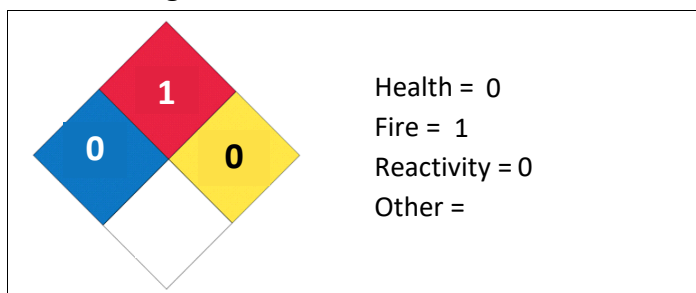
**CAS:** Mixture

**Amount:** <5%

### HMIS Rating (0 - 4)

<b>HEALTH</b>	<b>1</b>	Health = 1
<b>FIRE</b>	<b>1</b>	Fire = 1
<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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