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): R05-05-03-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

Precautionary Statement: Not a hazardous substance or mixture.

GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text

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

Section 3 - Composition / Information on Ingredients

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

Section 4 - First Aid Measures

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 Aggravated by Exposure: None

Section 5 - Firefighting Measures

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.

Section 6 - Accidental Release Measures

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.

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:	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

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, ketones, acrolein, aldehydes, unidentified organic compounds.
Hazardous Polymerization:	Will Not Occur

Section 11 - Toxicological Information

Ingestion Toxicity: None known.
SkinAbsorption: 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.

Section 12 - Ecological Information

EcoToxicity: No data available.
PersistenceDegrdability: No data available.
Bioaccumulation: No data available.
Mobility / Partitioning: No data available.
Other Adverse Effects: No data 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.

IMDG (Maritime transport)

Proper Shipping Name: Not regulated.

IATA (Air transport)

Proper Shipping Name: Not regulated.

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:	Not available
Delayed (Chronic) Health Hazard:	Not available
Fire Hazard:	Not available
Reactive Hazard:	Not available
Sudden Realease of Pressure:	Not available

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

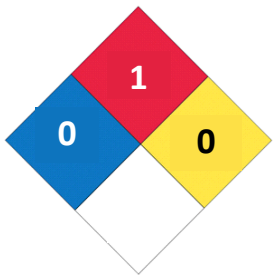
Component: Propylene, ethylene copolymer
CAS: 9010-79-1
Amount: >95%

Component: Thermoplastic Rubber
CAS: Mixture
Amount: <5%

HMIS Rating (0 - 4)

HEALTH	1	Health = 1
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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