

# Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-07-24

## Section 1 - Product and Company Information

**Product Name:** Polypropylene + GF15 Rod

**Product Part Number(s):** R18-05-08-BK, R18-XX-YY-ZZ (Where XX is the profile, YY is the package size, and ZZ is the color)

**Recommended Use:** Use this item with a plastic welder to repair broken polypropylene 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 rod

**Odor:** None

**Hazard Statement:**

WARNING! Causes mild skin irritation.

**Signal Word:** WARNING!

**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
Health	H316	Causes mild skin irritation

**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

**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 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			>85 - 90%
Fiber glass	65977-17-3			10 - 15%

---

## Section 4 - First Aid Measures

---

**Eye Contact:** If irritation occurs from vapors emitted while welding, move to a well-ventilated area. If irritation persists, consult a physician.

**Skin Contact:** Cool skin rapidly with cold water after contact with hot polymer. Wash off with soap and water. Consult a physician.

**Inhalation:** If irritation occurs from vapors emitted while welding, move to a well-ventilated area. If irritation persists, consult a physician.

**Ingestion:** Not a likely route of exposure.

**Medical Conditions** None

**Aggravated by Exposure:**

---

## Section 5 - Firefighting Measures

---

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

**Special Protective Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

---

## Section 6 - Accidental Release Measures

---

**Personal Precautions:** As the material is a solid, there are no personal precautions necessary.

**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:** Sweep up and place in containers for recovery or disposal.

---

## 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.

**Handling Precautions:** Be aware that glass fibers may protrude from the material and can be irritating.

**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.

**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 gasses or fumes, special ventilation may be needed.

**HMIS Personal Protection:** A



---

## Section 9 - Physical and Chemical Properties

---

**Appearance:** Black resinous rods, approximately 1/8 in in diameter.

**Odor Threshold:** Not determined

**pH:** Not determined

**Melting Point:** Not determined

**Freezing Point:** Not determined

**Boiling Point:** 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 determined

**Vapor Density:** N/A

**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

---

---

## Section 12 - Ecological Information

---

## Section 13 - Disposal Considerations

---

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

**Container Disposal:** 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 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:** Fiber glass

**CAS:** 65977-17-3

**Amount:** 10 - 15%

Fiber glass is on the California Prop 65 Cancer list.  
Fiber glass is listed with Minnesota Right to Know.  
Fiber glass is listed with New Jersey Right to Know.  
Fiber glass is listed with Rhode Island Right to Know.

**Component:** Propylene ethylene copolymer

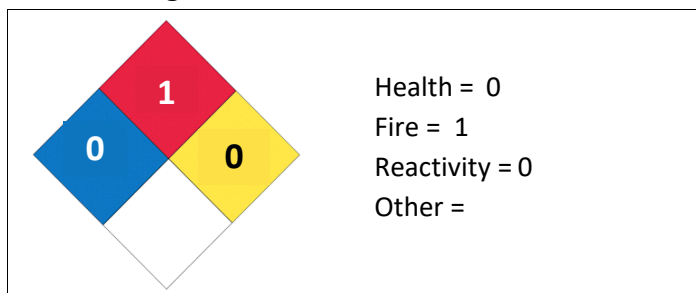
**CAS:** 9010-79-1

**Amount:** >85 - 90%

#### 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>	<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

**DISCLAIMER**

This Safety Data Sheet (SDS) is prepared in compliance with GHS Hazcom 2012. The information may be based in part on information provided by component suppliers and is believed to be correct as of the date hereof. However, no warranty or merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of this data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we assume no responsibility for the result of its use. This information and material is furnished on the condition that the person receiving it shall make his/her own determination as the suitability of the material for his/her particular purpose and on the condition that he/she assume the risk of his/her use thereof.