

# Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-04-16

## Section 1 - Product and Company Information

**Product Name:** Polypropylene Rod

**Product Part Number(s):** R02-01-03-TN, 5003R2, R2-1, 5003R13, R14, R16, R17, R02-AA-BB-CC (Where AA is rod profile, BB i

**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 rods

**Odor:** None

**Hazard Statement:**

Not applicable

**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 applicable

### 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 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 |        |                | >95%   |
| Stabilizers                  |           |        |                | <5%    |

---

## Section 4 - First Aid Measures

---

**Medical Conditions** None

**Aggravated by**

**Exposure:**

---

## Section 5 - Firefighting Measures

---

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

**Unusual Fire or** N/A

**Explosion Hazards:**

**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 if 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.

**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** A

Protection:



---

## Section 9 - Physical and Chemical Properties

---

|                                   |  |
|-----------------------------------|--|
| <b>Appearance:</b>                | Black resinous rods, approximately 1/8 in in diameter. |
| <b>Odor Threshold:</b>            | Not determined   |
| <b>pH:</b>                        | Not determined   |
| <b>Melting Point:</b>             | Not determined   |
| <b>Freezing Point:</b>            | Not determined<br>N/A                                  |
| <b>Boiling Range:</b>             | Not determined   |
| <b>Flash Point:</b>               | Not determined   |
| <b>Evaporation Rate:</b>          | Not determined   |
| <b>Flammability:</b>              | Not determined   |
| <b>Upper Flammability Limit:</b>  | Not determined   |
| <b>Lower Flammability Limit:</b>  | Not determined   |
| <b>Vapor Pressure:</b>            | Not determined   |
| <b>Vapor Density:</b>             | N/A  |
| <b>Specific Gravity:</b>          | 0.88-0.92  |
| <b>Solubility in Water:</b>       | Not Soluble  |
| <b>Partition Coefficient:</b>     | Not determined   |
| <b>Autoignition Temperature:</b>  | Not determined   |
| <b>Decomposition Temperature:</b> | Not determined   |
| <b>Viscosity:</b>                 | Not determined   |

---

## Section 10 - Stability and Reactivity

---

|  |   |
|--|---|
| <b>Chemical Stability:</b>               | Stable  |
| <b>Conditions to Avoid:</b>              | All plastic materials may generate static electricity and should not be used around explosive mixtures. |
| <b>Incompatible Materials:</b>           | Avoid contact with strong oxidizing agents.   |
| <b>Hazardous Decomposition Products:</b> | Carbon monoxide, carbon dioxide, ketones, acrolein, aldehydes, unidentified organic compounds.          |
| <b>Hazardous Polymerization:</b>         | Will Not Occur  |

---

## Section 11 - Toxicological Information

---

---

## Section 12 - Ecological Information

---

---

## Section 13 - Disposal Considerations

---

|                            |  |
|----------------------------|--|
| <b>Disposal Method:</b>    | Contact local environmental or health authorities for approved disposal if this material. If safe and practicable, reclaim material. |
| <b>Container Disposal:</b> | Disposal must be made according to official regulations.   |

---

## Section 14 - Transport Information

---

### DOT

Proper Shipping Name: Not Regulated

### IMDG (Maritime transport)

### IATA (Air transport)

---

## 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.**

---

### 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 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

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.