

# 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):** R02-04-04-RD, 5003R2, R2-1, 5003R13, R02-AA-BB-CC (Where AA is rod profile, BB is package size,

**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:**

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

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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%   |
| Stabilizers                  |           |        |                | <5%    |

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## Section 4 - First Aid Measures

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**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.

**Unusual Fire or** N/A

**Explosion Hazards:**

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

**HMIS Personal** A

Protection:



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## Section 9 - Physical and Chemical Properties

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|                                   |  |
|-----------------------------------|--|
| <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   |

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## Section 10 - Stability and Reactivity

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|  |   |
|--|---|
| <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  |

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## Section 11 - Toxicological Information

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## Section 12 - Ecological Information

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## Section 13 - Disposal Considerations

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|                            |  |
|----------------------------|--|
| <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.   |

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## Section 14 - Transport Information

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### DOT

Proper Shipping Name: Not Regulated

### IMDG (Maritime transport)

### IATA (Air transport)

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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.**

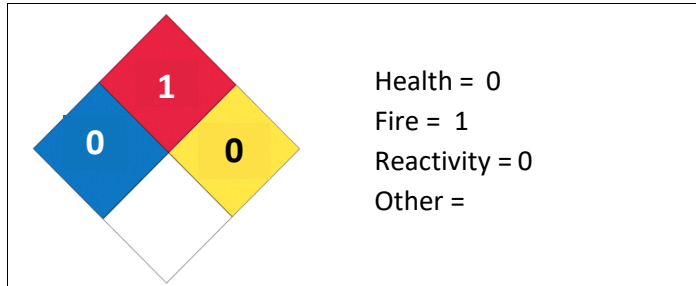
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### HMIS Rating (0 - 4)

|                            |          |                         |
|----------------------------|----------|-------------------------|
| <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 |

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### NFPA Ratings



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## Section 16 - Other Information

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### 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                                 |

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