

# Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-04-23

## Section 1 - Product and Company Information

**Product Name:** PC+ABS Plastic Welding Rod

**Product Part Number(s):** R20-01-04-WH, R20-XX-YY-ZZ (Where XX is the rod profile, YY is the package quantity, and ZZ is the

**Recommended Use:** Plastic welding rod to repair auto collision damaged PC+ABS parts

**COMPANY IDENTIFICATION:**

Polyvance  
1128 Kirk Rd.  
Rainsville, AL 35986

**EMERGENCY TELEPHONE NUMBER:**

**24 Hour Emergency contact:** Chemtrec: 1-800-424-9300  
Outside US: 703-527-3887

**Information email:** info@polyvance.com

**Customer Information Number:** 256-638-4103 (7AM - 4PM (CST) M-F)

## Section 2 - Hazards Identification

**Appearance:** White 3mm diameter sticks

**Odor:** None

**Hazard Statement:**

Not Applicable No Hazard Statement Needed. This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**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   |
|----------------|----------------|--|
| A              | 1              | No Hazard Statement Needed. This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) |

**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

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## Section 3 - Composition / Information on Ingredients

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| Component                             | CAS #      | ENIECS | REACH Reg. No. | Amount   |
|---------------------------------------|------------|--------|----------------|----------|
| Polycarbonate                         | 25971-63-5 |        |                | 60 - 80% |
| Acrylonitrile Butadiene Styrene (ABS) | 9003-56-9  |        |                | 20 - 40% |
| Colorants                             |            |        |                | <4%      |

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## Section 4 - First Aid Measures

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|                      |   |
|----------------------|---|
| <b>Eye Contact:</b>  | In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If irritation develops, seek medical attention.   |
| <b>Skin Contact:</b> | For thermal burns caused by molten material, immediately flush with cold water. Do not attempt to remove cooled material. Burns caused by molten material may require hospital treatment. |
| <b>Inhalation:</b>   | If welding fumes are bothersome, remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Consult a physician.                           |
| <b>Ingestion:</b>    | Ingestion is not likely in the available physical form. If ingested, seek medical attention. Consult a physician.   |

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## Section 5 - Firefighting Measures

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|                                      |  |
|--------------------------------------|--|
| <b>Extinguishing Media:</b>          | Suitable extinguishing media: water spray, foam, dry powder.   |
| <b>Special Protective Equipment:</b> | Protective equipment for fire-fighting: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear. |

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## Section 6 - Accidental Release Measures

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|                                   |                                   |
|-----------------------------------|-----------------------------------|
| <b>Personal Precautions:</b>      | No special precautions necessary. |
| <b>Environmental Precautions:</b> | No special precautions necessary. |

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## Section 7 - Handling and Storage

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|                                    |  |
|------------------------------------|--|
| <b>General Handling Practices:</b> | Ensure thorough ventilation of stores and work areas. Handle in accordance with good industrial hygiene and safety practice. |
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## Section 8 - Precautions to Control Exposure / Personal Protection

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### Personal Protective Equipment (PPE):

|                                |  |
|--------------------------------|--|
| <b>Eye / Face Protection:</b>  | Wear safety glasses with side shields.   |
| <b>Skin Protection:</b>        | Not necessary unless material is in molten form. Canvas or cotton gloves are recommended.  |
| <b>Respiratory Protection:</b> | Use a respirator if welding fumes become bothersome.   |
| <b>Hygienic Measures:</b>      | Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.                   |
| <b>Engineering Controls:</b>   | A continuous supply of fresh air to the workplace together with removal of welding fumes through exhaust systems is recommended. |

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## Section 9 - Physical and Chemical Properties

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|                                   |  |
|-----------------------------------|--|
| <b>Appearance:</b>                | White plastic rods   |
| <b>Odor Threshold:</b>            | Not determined   |
| <b>pH:</b>                        | Not determined   |
| <b>Melting Point:</b>             | This product softens gradually over a wider temperature range. |
| <b>Freezing Point:</b>            | Not available.   |
| <b>Boiling Point:</b>             | Not available.   |
| <b>Boiling Range:</b>             | Not available.   |
| <b>Flash Point:</b>               | Not available.   |
| <b>Evaporation Rate:</b>          | Not available.   |
| <b>Upper Flammability Limit:</b>  | No data available.   |
| <b>Lower Flammability Limit:</b>  | No data available.   |
| <b>Vapor Pressure:</b>            | Negligible.  |
| <b>Vapor Density:</b>             | No data available.   |
| <b>Specific Gravity:</b>          | No data available.   |
| <b>Solubility in Water:</b>       | Insoluble.   |
| <b>Partition Coefficient:</b>     | No data available.   |
| <b>Autoignition Temperature:</b>  | No data available.   |
| <b>Decomposition Temperature:</b> | No data available.   |
| <b>Viscosity:</b>                 | No data available.   |

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## Section 10 - Stability and Reactivity

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|--|---|
| <b>Chemical Stability:</b>               | Stable under normal conditions.   |
| <b>Conditions to Avoid:</b>              | Incompatible materials, including strong oxidizing agents.  |
| <b>Hazardous Decomposition Products:</b> | Thermal decomposition can yield intense heat, dense smoke, phenols, hydrogen cyanide, styrene, carbon dioxide, and carbon monoxide. |

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## Section 11 - Toxicological Information

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|                            |  |
|----------------------------|--|
| <b>Ingestion Toxicity:</b> | Not available.   |
| <b>Skin Absorption:</b>    | Not available.   |
| <b>Inhalation:</b>         | Not available.   |
| <b>Sensitization:</b>      | Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. |
| <b>Acute Dose:</b>         | Not available.   |
| <b>Repeated Dose:</b>      | Not available.   |
| <b>Skin Irritation:</b>    | No data available.   |

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## Section 12 - Ecological Information

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|                                   |  |
|-----------------------------------|--|
| <b>EcoToxicity:</b>               | No specific ecological information is available. |
| <b>Persistence/Degradability:</b> | No information available.                        |
| <b>Bioaccumulation:</b>           | Not available.                                   |

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## Section 13 - Disposal Considerations

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**Disposal Method:** Waste or unused product may be discarded in accordance with state, federal, and local regulations.

**Container Disposal:**

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## Section 14 - Transport Information

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### DOT

**Additional DOT Shipping Information:** Not classified as a dangerous good under transport regulations.

### IMDG (Maritime transport)

**Additional IMDG Information:** Not classified as a dangerous good under transport regulations.

### IATA (Air transport)

**Additional IATA Shipping Information:** Not classified as a dangerous good under transport regulations.

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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:** Acrylonitrile Butadiene Styrene (ABS)

**CAS:** 9003-56-9

**Amount:** 20 - 40%

**Component:** Polycarbonate

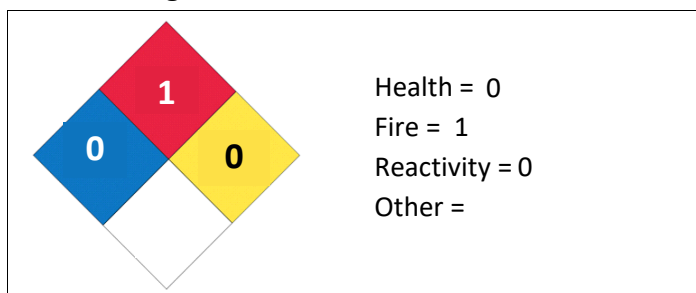
**CAS:** 25971-63-5

**Amount:** 60 - 80%

#### 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> |          | Personal Protection = |

#### NFPA Ratings



## Section 16 - Other Information

### Legend

|       |   |
|-------|---|
| CAS   | Chemical Abstract Service                             |
| CFR   | Code of Federal Regulations                           |
| DOT   | Department of Transportation                          |
| NIOSH | National Institute for Occupational Safety and Health |

### DISCLAIMER

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