

# Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2024-09-18

## Section 1 - Product and Company Information

**Product Name:** ABS Rod

**Product Part Number(s):** R03-04-08-BK, 5003R3, R3-1, R03-AA-BB-CC (Where AA is rod profile, BB is package size, CC is color)

**Recommended Use:** Used when plastic welding broken 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:** Colored plastic rods

**Odor:** None

**Hazard Statement:**

WARNING! May cause respiratory irritation.

**Signal Word:** WARNING!

**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
Health	H335	May cause respiratory irritation

**Precautionary Statement:**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

### GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Response	P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

## Potential Health Effects

**Eye Contact:** None known at ambient temperature. At elevated temperatures, symptoms may include tearing, and irritation.

**Skin Absorption:** None known at ambient temperature.

**Inhalation:** None known at ambient temperature. At elevated temperatures, this product may emit fumes and vapors that are irritating to the respiratory tract. Symptoms may include, coughing, headache, chest tightness, breathing difficulties, wheezing.

**Ingestion:** None known at ambient temperature.

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## Section 3 - Composition / Information on Ingredients

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Component	CAS #	ENIECS	REACH Reg. No.	Amount
Non-regulated lubricators, colorants, and stabiliz	NA			0 - 5%
Acrylonitrile Butadiene Styrene	9003-56-9			95 - 100%

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## Section 4 - First Aid Measures

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**Inhalation:** Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary.

**Ingestion:** Ingestion is not likely in the available physical form

**Medical Conditions** None known at ambient temperature.

**Aggravated by Exposure:**

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## Section 5 - Firefighting Measures

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**Extinguishing Media:** Water spray, water fog, foam, CO2, dry chemical.

**Unusual Fire or Explosion Hazards:** Dense smoke emitted when burned without sufficient oxygen.

**Fire Fighting Procedures:** None

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## Section 6 - Accidental Release Measures

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**Methods For Clean Up:** Stop source of spill. If material enters a sewer/waterway, notify responsible authorities of non-toxic plastic.

**Methods for Containment:** Sweep up spilled material and place in suitable container for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

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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:** Do not store near heat, or flame. Store in a cool, dry, 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:** Safety glasses or goggles.

**Skin Protection:** Only to handle hot polymers.

**Respiratory Protection:** Not normally required. If ventilation cannot be provided, wear NIOSH approved respirator.

**Hygienic Measures:** Wash hands before eating, smoking or using the washroom

**Other Protection Measures:** None

**Engineering Controls:** Provide sufficient exhaust at all operations capable of creating fumes or vapors to prevent routine inhalation. This would include all point of application where heating elements are involved.

**HMIS Personal Protection:** A



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## Section 9 - Physical and Chemical Properties

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**Appearance:** White plastic rods approximately 1/8 inch in diameter  
**Odor Threshold:** Not determined  
**pH:** Not determined  
**Melting Point:** Not determined  
**Freezing Point:** Not determined  
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:** 1.03-1.06  
**Solubility in Water:** Not Soluble  
**Partition Coefficient:** Not determined  
**Autoignition Temperature:** Not determined  
**Decomposition Temperature:** Not determined  
**Viscosity:** Not determined

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## Section 10 - Stability and Reactivity

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**Chemical Stability:** Stable  
**Conditions to Avoid:** Extreme heat. May generate static electricity and sparks could cause fires.  
**Incompatible Materials:** None  
**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide.  
**Hazardous Polymerization:** Will Not Occur

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## Section 11 - Toxicological Information

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**Ingestion Toxicity:** Not Available  
**Skin Absorption:** Not Available  
**Inhalation:** Not Available  
**Sensitization:** Not Available  
**Acute Dose:** Not Available  
**Repeated Dose:** Not Available

**Carcinogenicity:** Not Available  
**Corrosivity:** Not Available  
**Neurological:** Not Available  
**Reproductive:** Not Available  
**Genetic:** Not Available  
**Developmental:** Not Available  
**Eye Irritation:** Not Available  
**Skin Irritation:** Not Available  
**Target Organs:** Not Available

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## Section 12 - Ecological Information

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**EcoToxicity:** No information available.  
**Persistence/Degradability:** No information available.  
**Bioaccumulation:** No information available.  
**Mobility / Partitioning:** No information available.  
**Other Adverse Effects:** No information available.

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## Section 13 - Disposal Considerations

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**Disposal Method:** Sweep up spilled material and place in suitable container for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.  
**Container Disposal:** 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

**Additional DOT Shipping Information:** Not regulated as a hazardous material or dangerous goods for transportation by this agency.

### IMDG (Maritime transport)

**Additional IMDG Information:** Not regulated as a hazardous material or dangerous goods for transportation by this agency.

## IATA (Air transport)

**Additional IATA Shipping Information:** Not regulated as a hazardous material or dangerous goods for transportation by this agency.

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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

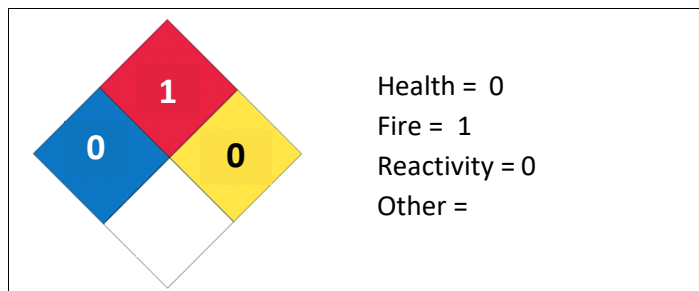
**CAS:** 9003-56-9

**Amount:** 95 - 100%

### 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

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