

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): R03-04-04-BK, 5003R3, R3-1, R03-AA-BB-CC (Where AA is rod profile, BB is package size, CC is color)

Recommended Use: Used for 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.

Section 3 - Composition / Information on Ingredients

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

Section 4 - First Aid Measures

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:

Section 5 - Firefighting Measures

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

Section 6 - Accidental Release Measures

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.

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: Do not store near heat, or flame. Store in a cool, dry, ventilated area.

Section 8 - Precautions to Control Exposure / Personal Protection

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



Section 9 - Physical and Chemical Properties

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

Section 10 - Stability and Reactivity

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

Section 11 - Toxicological Information

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

Section 12 - Ecological Information

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

Section 13 - Disposal Considerations

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.

Section 14 - Transport Information

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.

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: Acrylonitrile Butadiene Styrene

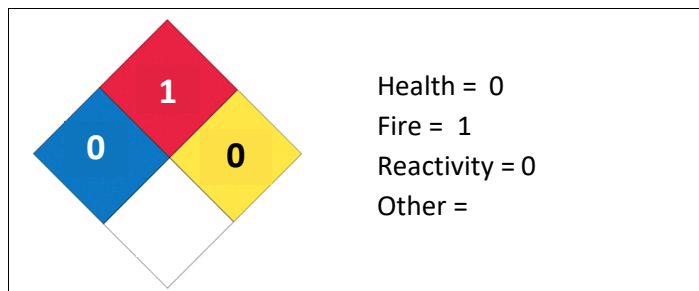
CAS: 9003-56-9

Amount: 95 - 100%

HMIS Rating (0 - 4)

HEALTH	0	Health = 0
FIRE	1	Fire = 1
PHYSICAL	0	Physical = 0
PERSONAL PROTECTION	A	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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