

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: Polyurethane welding rod

Product Part Number(s): R01-01-03-NT, 5003R1, R1400U, R1SPOOL, R01-AA-BB-NT (Where AA is rod profile, BB is package s

Recommended Use: Use this item with a plastic welder to repair broken urethane 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: Yellowish clear resinous rod

Odor: None

Hazard Statement:

No hazards expected at ambient temperatures.

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
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Precautionary Statement:

No precautions necessary at ambient temperatures.

GHS Precautionary Statement Codes for This Product

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Potential Health Effects

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

Skin Contact: None known at ambient temperature. At elevated temperatures, it causes skin burns

Inhalation: Smoke from burning compound will be very irritating.

Ingestion: None known.

Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Thermoplastic urethane	75701-44-9			100%

Section 4 - First Aid Measures

Eye Contact: Treat as any foreign particulate matter.

Skin Contact: If molten polymer contacts the skin, cool the skin rapidly with water or ice. See a physician for removal of any adhering material and for treatment of the burn.

Inhalation: If any vapors, decomposition products, or particulates are inhaled, remove individual to fresh air. Get medical attention immediately.

Ingestion: No ingestion effects are known.

Medical Conditions Aggravated by Exposure: Individuals with bronchial asthma and/or other types of chronic obstructive respiratory diseases may develop bronchospasm if exposure to processing fumes or vapors is prolonged.

Note To Physician: No additional information

Section 5 - Firefighting Measures

Extinguishing Media: NFPA Class A (Ordinary Combustibles): Use water, dry chemical, alcohol foam or protein type foam. CO2 is not recommended on Class A fires, as a lack of cooling capacity may result in reignition.

Unusual Fire or Explosion Hazards: Thermoplastic polyurethane can burn. Protect product from flames of any kind; maintain proper clearance when using heat devices, etc. Irritating or toxic substances will be emitted upon burning, combustion or decomposition. Large masses of molten polymer held at elevated temperatures for extended periods of time may auto-ignite.

Fire Fighting Procedures: Wear self-contained breathing apparatus (SCBA) equipped with a full facepiece and operated in a pressure-demand mode (or other positive pressure mode) and protective clothing

Section 6 - Accidental Release Measures

Methods For Clean Up: Sweep up carefully and place into container for reuse or disposal. Do not sweep or flush product into sewers or waterways.

Section 7 - Handling and Storage

Handling Precautions: Electrostatic buildup may occur when handling this product. The spark produced may be sufficient to ignite vapors of flammable liquids.

Storage Requirements: Avoid excessive heat. Do not store near flammable agents.

Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
None established				

Personal Protective Equipment (PPE):

Respiratory Protection: Wear a respirator approved by NIOSH/MSHA (e.g., an organic vapor respirator, a full face air purifying respirator for organic vapors, or a self-contained breathing apparatus) whenever exposure to fumes or vapors exceeds the exposure limit(s) of any chemical substance listed in this MSDS.

Engineering Controls: Always provide effective general and, when necessary, local exhaust ventilation to draw fumes and vapors away from workers to prevent routine inhalation.

HMIS Personal Protection: B



Section 9 - Physical and Chemical Properties

Appearance: Solid

Color: Yellowish clear

Odor: Faint

Odor Threshold: Not determined

pH: Not determined

Melting Point: Not determined

Freezing Point: Not determined

Not determined

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: Not determined

Specific Gravity: > 1.00

Solubility in Water: Insoluble

Partition Coefficient: Not determined

Autoignition Temperature: Not determined

Decomposition Temperature: Not determined

Viscosity: Not determined

Volatile Organic Compounds (VOC's): Not applicable

Section 10 - Stability and Reactivity

Chemical Stability: Stable

Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information

Ingestion Toxicity: No studies have been conducted on this product.

Section 12 - Ecological Information

EcoToxicity: This product has not been tested

Section 13 - Disposal Considerations

Disposal Method: For waste disposal purposes, this product is not known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261). Incinerate or landfill waste in a properly permitted facility in accordance with federal, state and local regulations.

Container Disposal:

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

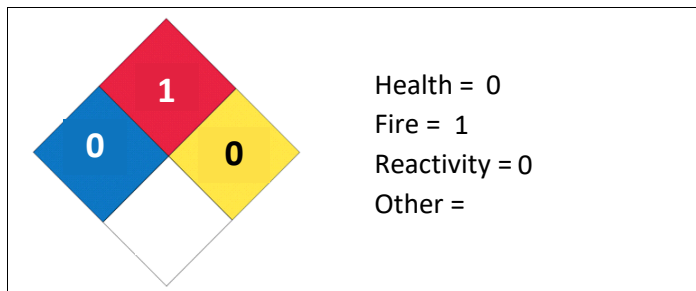
Reactive Hazard: Not available
Sudden Release of Pressure: Not available

The following lists hazardous components and the regulatory lists for which they are required to be reported.

HMIS Rating (0 - 4)

HEALTH	0	Health = 0
FIRE	1	Fire = 1
PHYSICAL	0	Physical = 0
PERSONAL PROTECTION	B	Personal Protection = B

NFPA Ratings



Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygenists
AIHA	American Industrial Hygeine Association
CAS	Chemical Abstract Service
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
IDLH	Immediately Dangerous to Life or Healt
LC	Lethal Concentration
LD	Lethal Dose
LTEL	Long Term Exposure Limit
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
REL	Recommended Exposure Level
SARA	Superfund Amendment and Reauthorization Act
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average

DISCLAIMER

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