

Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2025-04-08

Section 1 - Product and Company Information

Product Name: Nylon Rod + 15% Glass Fibers

Product Part Number(s): R21-04-04-BK, R21-XX-YY-ZZ (Where XX is the rod profile, YY is the package quantity, and ZZ is the

Recommended Use: This nylon rod is to be used with a plastic welder to repair broken nylon 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 Rods

Odor: Not available

Hazard Statement:

Causes mild skin irritation.

Signal Word: Not Applicable

Signal Word Hazard: Not Applicable

GHS Physical Hazard Pictogram	GHS Health Hazard Pictogram(s)	GHS Environmental Hazard Pictogram
Not Applicable	 Irritant	Not Applicable

GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Health	H316	Causes mild skin irritation

Precautionary Statement:

Avoid breathing fumes..

GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Prevention	P261	Avoid breathing fumes.

Potential Health Effects

Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Nylon 6 polymer	25038-54-4			80 - 90%
Fiberglass	65977-17-3			10 - 20%

Section 4 - First Aid Measures

Eye Contact:	If irritation occurs from vapors emitted while welding, move to a well-ventilated area. If irritation persists, consult a physician.
Skin Contact:	Cool skin rapidly with cold water after contact with hot polymer. Wash off with soap and water. Consult a physician.
Inhalation:	If irritation occurs from vapors emitted while welding, move to a well-ventilated area. If irritation persists, consult a physician.
Ingestion:	Not a likely route of exposure.
Medical Conditions Aggravated by Exposure:	None
Note To Physician:	There are no known chronic effects associated with this material.

Section 5 - Firefighting Measures

Extinguishing Media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unusual Fire or Explosion Hazards:	None
Fire Fighting Procedures:	MSHA/NIOSH approved pressure demand breathing apparatus should be used

Section 6 - Accidental Release Measures

Personal Precautions:	As the material is a solid, there are no personal precautions necessary.
Environmental Precautions:	No special environmental precautions required.
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:	Sweep up and place in containers for recovery or disposal.

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.
Handling Precautions:	Be aware that glass fibers may protrude from the material and can be irritating.
Storage Requirements:	Store in a cool, dry, well ventilated area.

Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
Fiberglass				None listed
Nylon 6 polymer				None listed

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 gases or fumes, special ventilation may be needed.
HMIS Personal Protection:	A



Section 9 - Physical and Chemical Properties

Appearance:	Black resinous rods
Odor Threshold:	Not determined
pH:	Not determined
Melting Point:	Not determined
Freezing Point:	Not determined
Boiling Point:	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:	3.9
Specific Gravity:	1.1 to 1.5
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 under normal temperatures and pressures.
Conditions to Avoid:	All plastic materials may generate static electricity and should not be used around explosive mixtures.
Incompatible Materials:	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide.
Hazardous Polymerization:	Will Not Occur

Section 11 - Toxicological Information

Ingestion Toxicity: No data available.
SkinAbsorption: No data available.
Inhalation: No data available.
Sensitization: No data available.
Acute Dose: No data available.
Repeated Dose: No data available.
Carcinogenicity: No data available.
Corrosivity: No data available.
Neurological: No data available.
Reproductive: No data available.
Genetic: No data available.
Developmental: No data available.
Eye Irritation: No data available.
Skin Irritation: No data available.
Target Organs: No data available.

Section 12 - Ecological Information

EcoToxicity: No data available.
PersistenceDegrdability: No data available.
Bioaccumulation: No data available.
Mobility / Partitioning: No data available.
Other Adverse Effects: No data available.

Section 13 - Disposal Considerations

Disposal Method: Contact local environmental or health authorities for approved disposal of this material. If safe and practicable, reclaim material.
ContainerDisposal: 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.

IMDG (Maritime transport)

Additional IMDG Information: Not regulated as a hazardous material.

IATA (Air transport)

Additional IATA Shipping Information: Not regulated as a hazardous material.

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: Fiberglass

CAS: 65977-17-3

Amount: 10 - 20%

Fiberglass is on the California Prop 65 Cancer list.

Fiberglass is listed with Minnesota Right to Know.

Fiberglass is listed with Rhode Island Right to Know.

Component: Nylon 6 polymer

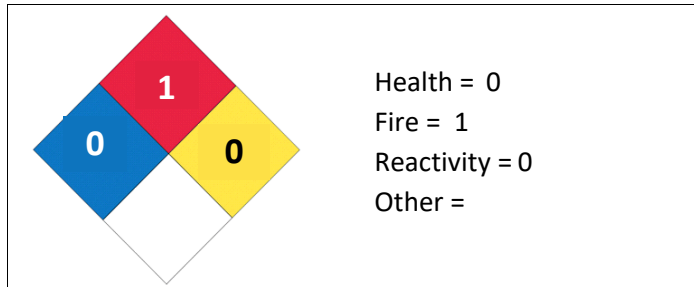
CAS: 25038-54-4

Amount: 80 - 90%

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 Hygienists
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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