

Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-12-11

Section 1 - Product and Company Information

Product Name: Nylon Rod + 15% Glass Fibers

Product Part Number(s): R21-04-03-BK, R21-04-04-BK, R21-04-08-BK

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: Clear rod

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

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| 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

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| 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

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|-----------------------------------|--|
| 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.

PersistenceDegradability: 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

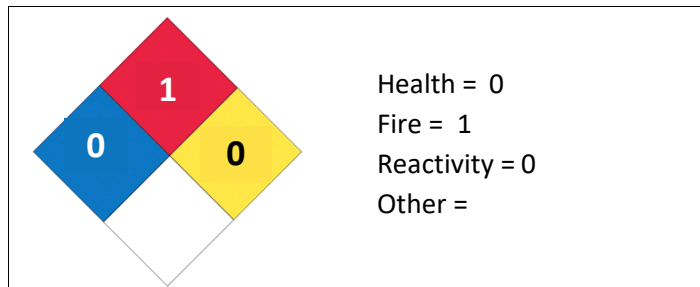
CAS: 25038-54-4

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

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|-------|---|
| 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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