Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-04-21

Section 1 - Product and Company Information

Product Name: PET Plastic Welding Rod

Product Part Number(s): R13-01-08-NT, R13-XX-YY-ZZ (Where XX is the rod profile, YY is package quantity, and ZZ is the colo

Recommended Use: This product is used with a plastic welder to repair broken plastic automotive 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: Transparent resinous rods

Odor: None or slight

Hazard Statement: Not Applicable

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

Precautionary Statement: Not applicable

GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text

Potential Health Effects

Eye Contact: Not likely to cause eye irritation

Skin Contact: Not likely to cause skin irritation

Skin Sensitization: No information available

Inhalation: Fumes are not considered toxic.

Ingestion: Ingestion is unlikely due to physical form

Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Polyethylene Terephthalate (PET)	25038-59-9			100%

Section 4 - First Aid Measures

Eye Contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists, consult a specialist.

Skin Contact: Cool skin rapidly with cold water after contact with hot polymer. Do not attempt to peel polymer from skin. Obtain medical attention for thermal burns.

Inhalation: If exposure to fumes from overheating, move to fresh air. Consult a physician if symptoms persist.

Ingestion: Not a probable route of entry.

Section 5 - Firefighting Measures

Extinguishing Media: Water spray or any class A extinguishing agent.

Hazardous Combustion Products: At temperatures above 350 C (662 F) intense heat, smoke, heavy fuming, carbon monoxide, and carbon dioxide may occur.

Fire Fighting Procedures: Fire fighters and others exposed to products of combustion should wear full protective clothing including self–contained, breathing apparatus. Fire fighting equipment should be thoroughly decontaminated after use.

Section 6 - Accidental Release Measures

Environmental Precautions: No special environmental precautions required.

Methods For Clean Up: Clean up by vacuuming or sweeping.

Section 7 - Handling and Storage

General Handling Practices: Handle in accordance with good industrial hygiene and safety practice. Provide for appropriate exhaust ventilation at machinery.

Handling Precautions: Keep away from heat, flame and strong oxidizing agents.

Storage Requirements: Keep away from heat, sparks, and flame. Store in a cool place in original container and protect from sunlight.

Section 8 - Precautions to Control Exposure / Personal Protection

Personal Protective Equipment (PPE):

Eye / Face Protection: Wear a face shield when working with molten material.

Skin Protection: Wear long pants, long sleeves, well insulated gloves, and a face shield while melting to prevent molten material from adhering to skin.

RespiratoryProtection: If local mechanical ventilation (a fan) is inadequate to reduce fumes, use a respirator approved for protection from organic vapors, acid gases, and particulate matter.

Engineering Controls: Use local ventilation (a fan) to control gases, vapors and fumes from plastic welding.

HMIS Personal Protection: B

Section 9 - Physical and Chemical Properties

Appearance:	Transparent resinous rods.
Color:	Transparent
Odor:	Slight or no odor.
Odor Threshold:	Not determined
pH:	Not determined
Melting Point:	255C (491F)
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:	Not determined
Solubility in Water:	Negligible
Partition Coefficient:	Not determined
Autoignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined
Percent Volitiles:	<1.0 by weight

Section 10 - Stability and Reactivity

Chemical Stability: Subtle at normal temperatures and storage conditions

Conditions to Avoid: Flame: do not heat above 300 C (572 F)

Incompatible Materials: Strong oxidants and bases.

Section 11 - Toxicological Information

Ingestion Toxicity:	None known
SkinAbsorption:	Not determined.
Inhalation:	Not available
Sensitization:	Not available
Carcinogenicity:	This product has not been found to be carcinogenic by the NTP, ACGIH, IARC, or OSHA
Corrosivity:	Not available
Neurological:	This product has no know adverse effect on human health.
Reproductive:	This product has no know adverse effect on human health.
Genetic:	This product has no know adverse effect on human health.
Developmental:	This product has no know adverse effect on human health.

Eye Irritation: Mechanical irritation

Skin Irritation: Mechanical irritation

Section 12 - Ecological Information

EcoToxicity: Toxicity is expected to be low based on insolubility of polymer in water.

PersistenceDegrdability: Not determined

Bioaccumulation: Not determined

Mobility / Partitioning: Not determined

Section 13 - Disposal Considerations

Disposal Method: Preferred options for disposal are: recycling, incineration with energy recovery, and landfill. Treatment and disposal must be in accordance with federal, state and local regulations. Discarded product is not a RCRA hazardous waste under present EPA regulations.

ContainerDisposal:

Section 14 - Transport Information

DOT

Additional DOT Shipping Information: Not Regulated

IMDG (Maritime transport)

Additional IMDG Information: Not Regulated

IATA (Air transport)

Additional IATA Shipping Information: Not Regulated

Section 15 - Regulatory Information

Superfund Amendments and Reathorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Immediate (Acute) Health Hazard:	No
Delayed (Chronic) Health Hazard:	No
Fire Hazard:	No
Reactive Hazard:	No
Sudden Realease of Pressure:	No

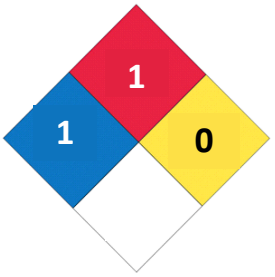
The following lists hazardous components and the regulatory lists for which they are required to be reported.

Component: Polyethylene Terephthalate (PET)
CAS: 25038-59-9
Amount: 100%

HMIS Rating (0 - 4)

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

NFPA Ratings



Health = 1
Fire = 1
Reactivity = 0
Other =

Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygenists
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
HMIS	Hazardous Materials Identification System
LD	Lethal Dose
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
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

TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
VOC	Volitile Organic Compounds

DISCLAIMER

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