

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: ASA Plastic Welding Rod

Product Part Number(s): R14-01-08-WH, R14-XX-YY-ZZ (Where XX is the rod profile, YY is the package quantity, and ZZ is the

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: White resinous rods

Odor: Slight or no odor

Hazard Statement:

Not regulated as a hazardous product.

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:

Not applicable

GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
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Potential Health Effects

Skin Contact: Molten material will adhere to the skin can cause sever thermal burns.

Skin Absorption: No absorption hazard in normal plastic welding use.

Ingestion: No hazard in normal plastic welding use.

Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Titanium Oxide (TiO ₂)	13463-67-7			3% - 7%
Acrylate Styrene Acrylonitrile	26299-47-8			>90%

Section 4 - First Aid Measures

Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If contact with molten material occurs, seek medical attention immediately. If contact with non-molten material occurs, consult physician.
Skin Contact:	The compound is not likely to be hazardous by skin contact, but cleansing the skin after use is advisable. If molten material gets on skin, cool rapidly with cold water. Do not attempt to remove material from skin. Obtain medical treatment for thermal burn.
Inhalation:	No specific intervention is indicated, as the compound is not likely to be hazardous by inhalation. However, if exposed to gases, vapors or fumes from overheating or combustion, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician if necessary.
Ingestion:	Ingestion is not an expected route of exposure during normal use of the product. If ingested, consult a physician.
Note To Physician:	Treat burns as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

Section 5 - Firefighting Measures

Extinguishing Media:	Water Fog, Foam, Carbon Dioxide, and Dry Chemical.
Special Protective Equipment:	Water spray and foam. Carbon dioxide and dry chemical are not recommended because their lack of cooling capacity may permit re-ignition.
Hazardous Combustion Products:	Intense heat, smoke, carbon dioxide, carbon monoxide, hydrocarbon fragments Hydrogen cyanide.
Fire Fighting Procedures:	Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment.

Section 6 - Accidental Release Measures

Personal Precautions:	Gather and store in a closed container pending a waste disposal evaluation. Allow molten material to solidify before disposal.
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Section 7 - Handling and Storage

General Handling Practices:	Do not breathe gases, vapors or fumes that may be evolved during plastic welding. Caution and suitable personal protective equipment (PPE) must be used if handling hot/molten material. Contact with molten material can cause burns, so unprotected contact with molten material must be avoided.
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Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
Titanium Oxide (TiO ₂)	ACGIH	TWA	10 mg/m ³	
Titanium Oxide (TiO ₂)	OSHA	PEL	15 mg/m ³	

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.
- Respiratory Protection:** If local mechanical ventilation is inadequate to reduce fumes, use a respirator approved for protection from organic vapors, acid gases, and particulate matter
- Engineering Controls:** Use local ventilation to control gases, vapors and fumes from plastic welding.
- HMIS Personal Protection:** B



Section 9 - Physical and Chemical Properties

- Appearance:** White Resinous Rods
- Color:** White
- Odor:** Slight or no odor
- Odor Threshold:** Not determined
- pH:** Not applicable
- Melting Point:** This product does not exhibit a sharp melting point but softens gradually over a wide range of temperatures.
- Freezing Point:** Not determined
- Boiling Point:** 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:** Negligible
- Vapor Density:** Not determined
- Specific Gravity:** >1 (Water = 1)
- Solubility in Water:** Not determined
- Partition Coefficient:** Not determined
- Autoignition Temperature:** Not determined
- Decomposition Temperature:** Not determined
- Viscosity:** Not determined
- Percent Volatiles:** Negligible

Section 10 - Stability and Reactivity

- Chemical Stability:** Stable at normal conditions
- Incompatible Materials:** Incompatible or can react with strong oxidizers.
- Hazardous Decomposition Products:** Combustion products include carbon dioxide and carbon monoxide. Thermal decomposition products can include acetaldehyde and ethylene.
- Hazardous Polymerization:** Polymerization will not occur.

Section 11 - Toxicological Information

Ingestion Toxicity: No specific toxicological information is available.

Skin Absorption: No specific toxicological information is available.

Inhalation: No specific toxicological information is available.

Eye Irritation: Mechanical irritation.

Skin Irritation: Mechanical irritation.

Section 12 - Ecological Information

EcoToxicity: No toxicity data is available. The product is insoluble in water.

Section 13 - Disposal Considerations

Disposal Method: Recycling is encouraged. Landfill or incinerate in accordance with federal, state and local requirements.

Container Disposal:

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 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: Acrylate Styrene Acrylonitrile

CAS: 26299-47-8

Amount: >90%

Component: Titanium Oxide (TiO₂)

CAS: 13463-67-7

Amount: 3% - 7%

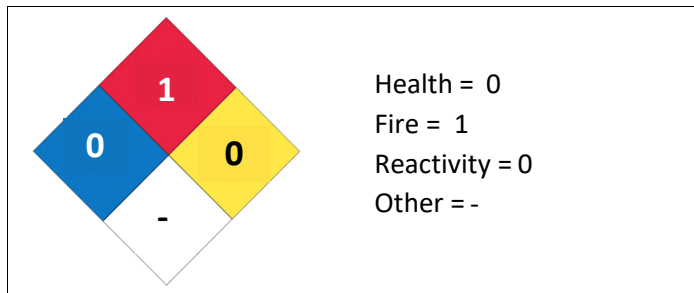
Titanium Oxide (TiO₂) is listed with Pennsylvania Right to Know.

Titanium Oxide (TiO₂) is listed with Rhode Island Right to Know.

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 Hygienists
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
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
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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