

Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-04-22

Section 1 - Product and Company Information

Product Name: Acrylic/PVC plastic welding rod

Product Part Number(s): R17-04-03-BK, R17-XX-YY-ZZ where XX is the rod profile, YY is the package quantity, and ZZ is the c

Recommended Use: Used to plastic weld broken Acrylic/PVC 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: Black strips of plastic

Odor: None or slight odor

Hazard Statement:

No hazard statement needed.

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
A	1	No hazard statement needed

Precautionary Statement:

Avoid breathing fumes when welding.

GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Prevention	P261	Avoid breathing fumes when welding

Potential Health Effects

Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Polyvinyl Chloride; ethene, chloro-homopolymer	9002-86-2			0 - 99%
Chlorinated polyvinyl chloride	68648-82-8			0 - 99%

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.

Section 5 - Firefighting Measures

Extinguishing Media:	Water, dry chemical, dry chemical or foam.
Special Protective Equipment:	Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.
Unusual Fire or Explosion Hazards:	Polyvinyl chloride-based material will NOT continue to burn after ignition without an external heat source. When burning, or at temperatures above 425 F (218 C), slow evolution of hydrogen chloride could occur.
Hazardous Combustion Products:	Hydrogen chloride, carbon monoxide, carbon dioxide.
Fire Fighting Procedures:	Keep unauthorized personnel removed.

Section 6 - Accidental Release Measures

Personal Precautions:	As this material is a solid, there are no personal precautions necessary.
Methods For Clean Up:	Sweep up and place in containers for recovery or disposal.
Methods for Containment:	Not applicable.

Section 7 - Handling and Storage

General Handling Practices:	Electrostatic charge may build up during handling; grounding of equipment is recommended.
Storage Requirements:	Store in a dry area below 100 F (37.7 C)

Section 8 - Precautions to Control Exposure / Personal Protection

Personal Protective Equipment (PPE):

Eye / Face Protection:	Safety glasses.
Respiratory Protection:	If fumes are bothersome, wear a NIOSH approved respirator.
Hygienic Measures:	Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.
Engineering Controls:	Keep fume levels down by controlling general and local room ventilation in areas where welding occurs. Ground equipment to prevent build up of electrostatic charge.

Section 9 - Physical and Chemical Properties

Appearance:	Solid
Odor Threshold:	Not available
pH:	Not available
Melting Point:	This product softens gradually over a wide temperature range.
Freezing Point:	Not Available
Boiling Point:	Not determined
Boiling Range:	Not determined
Flash Point:	Not available
Evaporation Rate:	Not available
Flammability:	Not determined
Upper Flammability Limit:	No data available
Lower Flammability Limit:	No data available
Vapor Pressure:	Not available
Vapor Density:	Not available
Specific Gravity:	1.3 - 1.5 g/cc
Solubility in Water:	Negligible
Partition Coefficient:	No data available
Autoignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not available (solid)

Section 10 - Stability and Reactivity

Chemical Stability:	Stable at room temperatures under normal storage and handling conditions.
Conditions to Avoid:	Avoid temperatures of 425 F (218 C) and above.
Incompatible Materials:	Polyvinyl chloride-based materials should not come in contact with acetal or acetal polymers in elevated temperatures.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, hydrogen chloride.

Section 11 - Toxicological Information

Ingestion Toxicity:	Not available
Skin Absorption:	Not available
Inhalation:	Polyvinyl chloride [PVC]: Rats and guinea pigs exposed continuously to PVC dust for 24 hrs./day for periods varying from 2-7 months were found to have extensive lung damage. In rats, inhalation of fumes from heated PVC produced interstitial edema as well as focal, bronchial and interalveolar hemorrhage.
Sensitization:	Not expected to be a sensitizer.
Acute Dose:	Not known
Repeated Dose:	Not known

Carcinogenicity: Not a carcinogen
Corrosivity: Not known
Neurological: Not known
Reproductive: Not known
Genetic: Not known
Developmental: Not known
Eye Irritation: Possible irritation due to fumes.
Skin Irritation: Not likely
Target Organs: Not known

Section 12 - Ecological Information

EcoToxicity: No ecological data available

Section 13 - Disposal Considerations

Disposal Method: Wastes can be landfilled. Dispose of in accordance with federal, state, and local regulations.

Container Disposal:

Section 14 - Transport Information

DOT

Additional DOT Shipping Information: Not regulated as hazardous for shipment.

IMDG (Maritime transport)

Additional IMDG Information: Not regulated as hazardous for shipment.

IATA (Air transport)

Additional IATA Shipping Information: Not regulated as hazardous for shipment.

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: Chlorinated polyvinyl chloride

CAS: 68648-82-8

Amount: 0 - 99%

Component: Polyvinyl Chloride; ethene, chloro-homopolymer

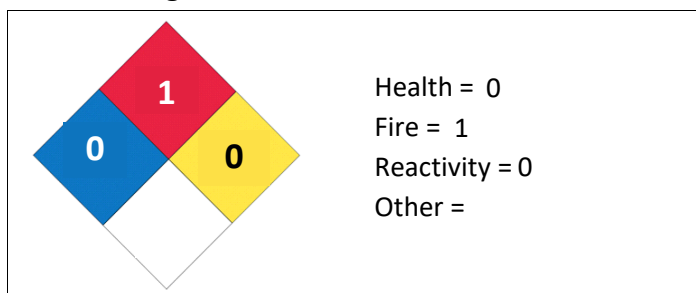
CAS: 9002-86-2

Amount: 0 - 99%

HMIS Rating (0 - 4)

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

NFPA Ratings



Section 16 - Other Information

Legend

GHS	Global Harmonized System
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration

DISCLAIMER

This Safety Data Sheet (SDS) is prepared in compliance with GHS Hazcom 2012. The information may be based in part on information provided by component suppliers and is believed to be correct as of the date hereof. However, no warranty or merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of this data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we assume no responsibility for the result of its use. This information and material is furnished on the condition that the person receiving it shall make his/her own determination as the suitability of the material for his/her particular purpose and on the condition that he/she assume the risk of his/her use thereof.