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: POM (Polyoxymethylene)

Product Part Number(s): R16-01-08-BK, R16-XX-YY-ZZ where XX is the rod profile, YY is the package quantity, and ZZ is the c

Recommended Use: Used by auto body shops to weld plastic 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 3mm diameter sticks

Odor: None

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
Polyoxymethylene copolymer	24969-26-4			> 99%

Section 4 - First Aid Measures

Eye Contact: In case of contact with the eyes, rinse immediately y for at least 15 minutes with plenty of water. If irritation develops, seek medical attention.

Skin Contact: Burns caused by molten material may require hospital treatment.

Inhalation: If welding fumes are bothersome, remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Consult a physician.

Ingestion: Ingestion is not likely in the available physical form. If ingested, seek medical attention. Consult a physician.

Section 5 - Firefighting Measures

Extinguishing Media: Suitable extinguishing media: water spray, foam, dry powder

Special Protective Equipment: Protective equipment for fire-fighting: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Fire Fighting Procedures: Protective equipment for fire-fighting: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Section 6 - Accidental Release Measures

Personal Precautions: No special precautions necessary.

Environmental Precautions: No special precautions necessary.

Methods for Containment: Sweep up and dispose.

Section 7 - Handling and Storage

General Handling Practices: Ensure thorough ventilation of stores and work areas. Handle in accordance with good industrial hygiene and safety practice. Remove contaminated clothing and protective equipment before entering eating areas. Hands and/or face should be washed before breaks and at the end of the shift. When using do not eat, drink or smoke.

Section 8 - Precautions to Control Exposure / Personal Protection

Personal Protective Equipment (PPE):

Eye / Face Protection: Wear safety glasses with side shields.

Skin Protection: Wear nitrile gloves.

RespiratoryProtection: Use a respirator to protect from welding fumes.

Hygenic Measures: Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

Engineering Controls: A continuous supply of fresh air to the workplace together with removal of welding fumes through exhaust systems is recommended.

Section 9 - Physical and Chemical Properties

Appearance:	Black plastic rods
Odor Threshold:	Not determined.
pH:	Not determined.
Melting Point:	163 - 169 C (325 - 336 F)
Freezing Point:	Not available
Boiling Point:	Not determined.
Boiling Range:	Not determined. Substance decomposes.
Flash Point:	Not applicable.
Evaporation Rate:	Not available.
Flammability:	Not self-igniting.
Upper Flammability Limit:	Not determined. Substance decomposes.
Lower Flammability Limit:	Not determined. Substance decomposes.
Vapor Pressure:	Not applicable.
Vapor Density:	No data available.
Specific Gravity:	No data available
Solubility in Water:	Insoluble.
Partition Coefficient:	No data available.
Autoignition Temperature:	320 - 340 C (608 - 644 F)
Decomposition Temperature:	> 240 C (464 F)
Viscosity:	Not applicable. This product is a solid.

Section 10 - Stability and Reactivity

Chemical Stability:	This product is stable if stored and handled as prescribed/indicated.
Conditions to Avoid:	Temperatures greater than 240 C (464 F). To avoid thermal decomposition, do not overheat. May decompose violently. Gaseous products of degradation can be given off if the product is greatly overheated.
Incompatible Materials:	Acids
Hazardous Decomposition Products:	Possible decomposition products: carbon monoxide, formaldehyde, water, carbon dioxide, hydrogen cyanide, nitrogen oxides, isocyanates.

Section 11 - Toxicological Information

Inhalation:	Inhalation of fumes represents a sever acute hazard. Irritating to the respiratory system.
Sensitization:	Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.
Repeated Dose:	Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.
Carcinogenicity:	Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.
Reproductive:	Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.
Genetic:	Based on our experience and the information available, no adverse health effects are

expected if handled as recommended with suitable precautions for designated uses.

Eye Irritation: May cause mechanical irritation.

Skin Irritation: No data available.

Section 12 - Ecological Information

EcoToxicity: Aquatic toxicity: The product has not been tested. The statement has been derived from the structure of the product. There is a high probability that the product is not acutely harmful to aquatic organisms.

PersistenceDegrdability: The product is virtually insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plants.

Bioaccumulation: The product will not be readily bioavailable due to its consistency and insolubility in water.

Section 13 - Disposal Considerations

Disposal Method: Check for possible recycling. Incinerate in suitable incineration plant, observing local authority regulations.

ContainerDisposal:

Section 14 - Transport Information

DOT

Additional DOT Shipping Information: Not classified as a dangerous good under transport regulations.

IMDG (Maritime transport)

Additional IMDG Information: Not classified as a dangerous good under transport regulations.

IATA (Air transport)

Additional IATA Shipping Information: Not classified as a dangerous good under transport regulations.

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:	Not available
Delayed (Chronic) Health Hazard:	Not available
Fire Hazard:	Not available
Reactive Hazard:	Not available
Sudden Realease of Pressure:	Not available

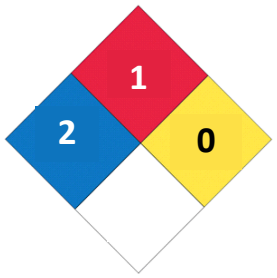
The following lists hazardous components and the regulatory lists for which they are required to be reported.

Component: Polyoxymethylene copolymer
CAS: 24969-26-4
Amount: > 99%

HMIS Rating (0 - 4)

HEALTH	2	Health = 2
FIRE	1	Fire = 1
PHYSICAL	0	Physical = 0
PERSONAL PROTECTION		Personal Protection =

NFPA Ratings



Health = 2
Fire = 1
Reactivity = 0
Other =

Section 16 - Other Information

Legend

CAS	Chemical Abstract Service
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 my 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.