

Material Safety Data Sheet

According to ANSI Z400.1-2003

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Section 1 - Product and Company Information

Product Name: Polyethylene rod

DISTRIBUTED BY:

The Easthill Group
dba/ The Eastwood Company
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Pottstown, PA 19464

USA & Canada: 800-345-1178
Outside USA: 610-323-2200

EMERGENCY CONTACT:
Chem-Trec 800-424-9300

Section 2 - Hazards Identification

Appearance:**Odor:****Hazards of Product:****HMIS Rating (Scale 0 - 4)**

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

NFPA Ratings

Health = 0

Fire = 0

Reactivity = 0



Potential Health Effects

Eye Contact:	The cool solid material is not expected to cause eye irritation. Thermal burns may result from contact with the hot material.
Skin	The cool solid material is not expected to cause eye irritation. Thermal burns may result from contact with the hot material.
Absorption:	
Inhalation:	Prolonged or repeated inhalation of vapors or fumes from the heated material may be irritating to the upper respiratory tract.
Ingestion:	Not expected to be an ingestion problem.

Section 3 - Composition/Information on Ingredients

Component	CAS #	Amount
		NA

Section 4 - First-Aid Measures

Medical Conditions Aggravated by Exposure: None

Section 5 - Fire Fighting Measures

Extinguishing Media: Dry chemical (preferred), water fog.**Fire Fighting Procedures:** For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.**Unusual Fire and Explosion Hazards:** Bulk storage of polyethylene may result in the accumulation of ethylene gas with possible explosion potential. Concentrations of ethylene gas must be kept below the lower explosive limit (LEL) of 2.7%.

Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled: 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.

Personal Precautions:

Environmental Precautions:

Section 7 - Handling and Storage

General Handling: Keep out of reach of children. For professional use only. Not intended for sale to the general public.

Other Precautions:

Storage: Store in a cool, dry, well ventilated area.

Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks
Personal Protection				
Eye/Face Protection: Goggles or safety glasses.				
Skin Protection: Not normally required.				
Respiratory Protection: Not normally required. If ventilation cannot be required, 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.				

Section 9 - Physical and Chemical Properties

Appearance:	Tough, translucent white, leathery, resinous rods approximately 1/8 inch in diameter
Boiling Point:	N/A
Vapor Density:	N/A
Specific Gravity:	0.9 - 1.02
Solubility in Water:	Not Soluble

Section 10 - Stability and Reactivity

Stability/Instability: Stable

Conditions To Avoid: All plastic materials may generate static electricity and should not be used around explosive mixtures.

Incompatible Materials: Reacts violently with F2.

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: Emits acrid smoke and irritating fumes when heated to decomposition.

Section 11 - Toxicological Information

Acute Toxicity

Ingestion

NA

Skin Absorption

NA

Inhalation

NA

Section 12 - Ecological Information

CHEMICAL FATE

Section 13 - Disposal Considerations

Disposal Method:

Contact local environmental or health authorities for approved disposal of this material. If safe and practicable, reclaim material.

Container Disposal: Disposal must be made according to official regulations.

Section 14 - Transport Information

DOT

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

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

Component	CAS #	Amount	SARA 313 Listed	Know to California to cause cancer	Pennsylvania Hazardous Substance List	Massachusetts Hazardous Listed	Rhode Island Listed	CERCLA	EPA Cancerogenity	IARC Cancerogenity	NTP Cancerogenity	TLV Canerogenity	NIOSH Cancerogenity	OSHA Cancerogenity
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Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygienists
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)
MSDS	Material Safety Data Sheet
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

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.