# **Material Safety Data Sheet**

According to ANSI Z400.1-2003

Date Printed: 04-26-2007

# Section 1 - Product and Company Information

### Product Name: Polyethylene rod

#### **DISTRIBUTED BY:**

The Easthill Group dba/ The Eastwood Company 263 Shoemaker Road Pottstown, PA 19464

USA & Canada: 800-345-1178 Outside USA: 610-323-2200 **EMERGENCY CONTACT:** Chem-Trec 800-424-9300

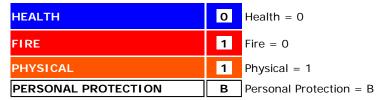
### Section 2 - Hazards Identification

Appearance:

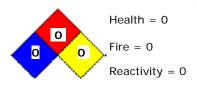
Odor:

#### **Hazards of Product:**

### HMIS Rating (Scale 0 - 4)



### NFPA Ratings







### **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

**Absorption:** with the hot material.

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

NΑ

### 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.

Hygenic 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/AVapor Density:N/ASpecific Gravity:0.9 - 1.02Solubility 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

**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 Reathorization 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 Hygenists

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.