



# SAFETY DATA SHEET

Date Issued: July 2, 2015

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier <b>High Density Polyethylene</b>	Formula <b>-- (C<sub>2</sub>H<sub>4</sub>)<sub>n</sub> --</b>	[CAS #] <b>9002-88-4</b>	
Product Use <b>HDPE Plastic Pipes</b>	Chemical Family <b>Polyolefin</b>		
Manufacturer's Name <b>JM Eagle</b>		Street Address <b>5200 W. Century Blvd.</b>	
City <b>Los Angeles</b>	State <b>CA</b>	Postal Code <b>90045</b>	Emergency Telephone <b>800-621-4404</b>

The following information is based upon our current knowledge and experience of our product.

## SECTION 2 — HAZARD IDENTIFICATION

There are no known hazards associated with the solid products, although fine particles released on cutting may cause irritation to the eyes and respiratory tract. Polyethylene is chemically stable at normal temperature.

## SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients ( <i>specific</i> )	%	TLV	Hazardous Ingredients ( <i>specific</i> )	%	TLV
Pigments	N/A		Base Metal	N/A	
Catalyst	N/A		Alloys	N/A	
Vehicle	N/A		Metallic Coatings	N/A	
Solvents	N/A		Filler Metal + coating or core flux	N/A	
Other					

## SECTION 4 — EMERGENCY AND FIRST AID PROCEDURE

<b>EMERGENCY AND FIRST AID PROCEDURE:</b> No emergency situation is likely to arise from the routine handling of PE pipes.
<b>EYES:</b> Immediately flush eyes with plenty of clean water for at least 15 minutes. Call a physician.
<b>SKIN:</b> If molten material gets on skin, cool rapidly with cold water. Do not attempt to remove material from skin. Obtain medical treatment if burn is deep or extensive.
<b>INGESTION:</b> Wash out mouth with water. Obtain medical treatment if needed

## SECTION 5 — FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >650°F (Method Used); Self Ignition: >650°F (Estimated) UPPER/ LOWER EXPLOSIVE LIMIT: N/A
EXTINGUISHING MEDIA: Dry chemical powder, water, foam and carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing
Polyethylene is combustible, but burns slowly. In a fire it will melt and falling droplets may propagate the fire.

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

Not Applicable
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## SECTION 7 — HANDLING AND STORAGE

HANDLING: No special requirements necessary. STORAGE: This product is combustible. Store away from naked flames, or hot surfaces. Polyethylene should not be stored in contact with strong acids or powerful oxidising agents.
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## SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

Gaseous products of degradation can be given off if the product is overheated. Avoid inhalation.
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## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid plastic products	Odour/Taste: None
Density: @0.9g/cm <sup>3</sup> (variable)	Melting Point: 125-170°C
Ignition temperature: >360°C	Solubility: Insoluble in water

## SECTION 10 — STABILITY/REACTIVITY DATE

This product is stable under normal use conditions for shock, vibration, pressure or temperature.
Upon heating, polyethylene may emit various oligomers, waxes and oxygenated hydrocarbons as well as carbon dioxide, carbon monoxide and small amounts of other organic vapours. Inhalation of these decomposition products

## SECTION 11 — TOXICOLOGICAL INFORMATION

Ecotoxicity: Not toxic under normal conditions
Toxicity Data: No toxicology data available

## SECTION 12 – ECOLOGICAL INFORMATION

This material is not expected to be readily biodegradable. It is stable in the landfills or in aquatic systems.

## SECTION 13 – DISPOSAL CONSIDERATIONS

Contact local environmental or health authorities for approved disposal of the material.

## SECTION 14 – TRANSPORTATION INFORMATION

This product is not regulated as a hazardous material/dangerous good for all forms of transportation.

## SECTION 15 – REGULATORY INFORMATION

Not classified as dangerous for supply

## SECTION 16 – OTHER INFORMATION

Prepared by:  
JM Eagle Corporate Environment, Health and Safety Department.

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