



SAFETY DATA SHEET

Date Issued: July 2, 2015

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Polyvinyl Chloride	Formula - - (CH₂CHCl)_n - -	[CAS #] 9002-86-2	
Product Use PVC Plastic Pipes	Chemical Family Polymer of Chlorinated Hydrocarbon		
Manufacturer's Name JM Eagle	Street Address 5200 W. Century Blvd.		
City Los Angeles	State CA	Postal Code 90045	Emergency Telephone 800-621-4404

SECTION 2 - HAZARD IDENTIFICATION

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, or GASES	%	TLV*
PVC [CAS #: 9002-86-2], A Nuisance Dust		10 mg/M ³
May/May not Contain Trace Amount of Vinyl Chloride Monomer		1 ppm
[CAS #: 75-01-4], A Carcinogen Determined by IARC and OSHA		

*TLV Refers to Airborne Concentrations Over 8-Hr TWA

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 - FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with clean water for at least 15 minutes. Do not rub the eyes. Get medical attention if irritation develops.
SKIN CONTACT: Immediately wash the affected area with soap and water. Seek medical attention if irritation or other symptoms occur.
INHALATION: Remove to fresh air. Seek medical attention if irritation or other symptoms occur.
INGESTION: Dilute swallowed material by drinking water and obtain medical attention.

SECTION 5 — FIRE FIGHTING MEASURES

FLASH POINT: 734°F; Self Ignition: 850°F (ASTM D1929) FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: Water, Carbon Dioxide, or Dry Chemical (ABC Only)
SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing
UNUSAL FIRE AND EXPLOSION HAZARDS: PVC is nonflammable and nonexplosive under normal conditions of use. An external fire causes it to burn and Hydrogen Chloride Gas is liberated.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove sources of ignition, use adequate ventilation and wear a dust respirator. Sweep, vacuum, or shovel up the spill.
WASTE DISPOSAL METHOD: Handle in accordance with Federal, State, and local environmental control regulations.

SECTION 7 — HANDLING AND STORAGE

HANDLING: Use with adequate ventilation. Avoid contact with eyes and skin. Electrostatic charge may build up during handling. Grounding of equipment is recommended.
STORAGE: Store in a cool, dry, well-ventilated area silo away from sources of heat, flame, and sparks. When opening railcar for unloading, ventilate before entering.

SECTION 8 — EXPOSURE CONTROLS/ PERSONAL PROTECTION

THRESHOLD LIMIT VALUE: Shown on first page; No acute health effects associated with inhalation of PVC dust.
EFFECTS OF OVEREXPOSURE: May cause eye, skin, nose, and throat irritation. Prolonged exposure may cause adverse effects on lungs.
RESPIRATORY PROTECTION (SPECIFY TYPE): Use NIOSH/MSHA approved dust respirators as needed
VENTILATION: LOCAL EXHAUST - YES SPECIAL - N/A MECHANICAL (GENERAL) - N/A OTHER - N/A
SKIN PROTECTION: Minimize contact with product. Wear gloves and/or suitable long sleeved clothing. EYE PROTECTION: Wear safety glasses with side shields, goggles, or face shield for protection against dust.
OTHER PROTECTIVE EQUIPMENT: Not required for ordinary handling.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (F)	N/A	Specific Gravity	1.4
Vapor Pressure (mm Hg)	N/A	Percent Volatile by Volume	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (_____ = 1)	N/A
Solubility in Water	Insol.		
Appearance & Odor: Pipes are in Green, Blue, Gray, White Brown, Purple, Buff and are Odorless.			

SECTION 10 — STABILITY/ REACTIVITY DATA

STABILITY: <u>XX</u> STABLE <u> </u> UNSTABLE
CONDITIONS TO AVOID: Do not heat to temperatures greater than 350°F, which causes slow darkening and decomposition. Higher heat (greater than 482°F) increases rate & evolution of HCl gas (an acidic and corrosive gas).
INCOMPATIBILITY (MATERIALS TO AVOID): Fluorine, Acetal, Amine-Containing Materials, Certain Ketones, & Organic Solvents
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition produces HCL, CO, and CO ₂ (482°F)
HAZARDOUS POLYMERIZATION: <u> </u> May Occur <u>XX</u> Will not occur CONDITIONS TO AVOID: N/A

SECTION 11 - TOXOLOGICAL INFORMATION

PVC resin contains minor amounts (<1 ppm, 0.0001%) of residual vinyl chloride monomer. Vinyl chloride is listed as a carcinogen under California Proposition 65.
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SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: No data is available on the adverse effects of this material on the environment.
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SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL CONSIDERATIONS: This product must be disposed of in accordance with Federal, state and local environmental regulations.

SECTION 14 – TRANSPORTATION INFORMATION

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

SECTION 15 – REGULATORY INFORMATION

This product is regulated by other State agencies.
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SECTION 16 – OTHER INFORMATION

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