

OMEGA ENGINEERING, INC.
MATERIAL SAFETY DATA SHEET
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MSDS-0345
PART NO: EXPP, PP, Wire
REV. DATE: 5/4/94

SECTION 1 - IDENTIFICATION

PRODUCT (TRADE) NAME: Polyvinyl Coated Wire

CHEMICAL FAMILY: Polyvinyl Chloride Compound

SUPPLIER: OMEGA ENGINEERING, INC.
P.O. BOX 4047
STAMFORD, CT 06907

TELEPHONE: (203) 359-1660

DATE PREPARED: 4/14/94
SUPERSEDES: --

SHIPPING NAME (UN NUMBER PER TRANSPORTATION AUTHORITY)
DOT: Not Regulated

EMERGENCY RESPONSE TELEPHONE NUMBERS:
(800) 255-3924 (813) 979-0626

SECTION 2 - INGREDIENTS

Subject to SARA Title III Section 313 reporting and hazardous
ingredients/identity.

LEAD COMPOUNDS <4% OSHA PEL + ACGIH TLV (see below)

HAZARD STATEMENTS: Lead compounds are in this plastic as a component of a stabilizer or a pigment. Lead and its compounds are known toxic substances. OSHA CFR 29, Part 1910/1025 (1984) pages 752 to 789. Lead compounds used as stabilizers and pigments are compatible with and insoluble in plastic compounds. The lead compounds will not bloom to the surface, therefore they cannot rub off the pellets or any manufactured product. Lead stabilizer or pigment cannot be absorbed into the body through the skin. In such form it can only enter the body by ingestion. Ingestion of pellets or product is an unlikely and remote entrance route.

OSHA PEL 0.05 mg/m3 (TWA) ACGIH TLV 0.15 mg/m3 (TWA)

CALIFORNIA PROPOSITION 65: Certain lead compounds are known to the State of California to cause birth defects or reproductive harm.

FORMULA: Trade secret

TSCA STATUS: We certify that all materials used in the manufacture of our compounds have been registered in accordance with the rules and regulations of the TSCA.

NFPA HAZARD RATING:

HEALTH: 2
FLAMMABILITY 1
REACTIVITY: 0
SPECIAL: None

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE AND ODOR: Plastic pellets -- faint odor
BOILING POINT: Not applicable
MELTING POINT: Not available
EVAPORATION RATE: Not applicable
PERCENT VOLATILE: Not available
VAPOR PRESSURE: Not applicable
SOLUBILITY IN WATER: Insoluble
SPECIFIC GRAVITY: Not available

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not applicable
EXTINGUISHING MEDIA: Water spray, dry chemical, foam, carbon dioxide
SPECIAL FIREFIGHTING PROCEDURES: None needed; self contained breathing apparatus should be worn.
UNUSUAL FIRE HAZARDS: None

SECTION 5 - REACTIVITY DATA

THERMAL STABILITY: Stable
INCOMPATIBILITY: Acetal plastics
MATERIALS TO AVOID: None
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS: --
IN CASE OF FORCED BURNING: Carbon monoxide, carbon dioxide, HCl gas.

LEAD SALTS AND OXIDES

Oxidation and decomposition products from any ingredients reported under SARA Title III Section 313 would also result from the combustion or thermal degradation of this compound.

SECTION 6 - HEALTH HAZARD DATA

ROUTE(s) OF ENTRY

INHALATION? No
SKIN? No
INGESTION? Unlikely

HEALTH HAZARDS (ACUTE AND CHRONIC): Obstructive if swallowed, no relevant information available. At the exit source of a melt, during processing, fumes should be exhausted into the atmosphere. No recorded data is available. If fumes are breathed, remove to fresh air.

CARCINOGENICITY: If lead present (questionable carcinogenicity)
NTP? No
IARC MONOGRAPHS? No
OSHA REGULATED? Yes (as airborne dust/toxic substance)

SIGNS AND SYMPTOMS OF EXPOSURE: Not known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Not known

EMERGENCY AND FIRST AID PROCEDURES: None needed

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up.

WASTE DISPOSAL METHOD: Dispose in landfill according to local and other pertinent regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store at ambient temperatures.

OTHER PRECAUTIONS: None needed.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Not normally required. For routine work above PEL use full-facepiece organic vapor/dust and mist respirator. Use air-supplied or self-contained breathing apparatus in emergency and non-routine, high exposure situation.

VENTILATION:

LOCAL EXHAUST: Yes, at processing area if needed to maintain airborne concentration below PEL/TLV.

MECHANICAL (GENERAL): OK

SPECIAL: Not normally required

PROTECTIVE GLOVES: Using for handling hot melt is good industrial practice.

EYE PROTECTION: Safety glasses is good industrial practice.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not needed

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WORK AND HYGIENIC PRACTICES: Wash before eating or smoking--standard industrial practices.

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