

SPROULE MANUFACTURING COMPANY, INC.

DURA-JAC SX PVC JACKETING SYSTEMS

Dura-Jac SX PVC Jacketing Systems

Material Safety Data Sheet

Complies with 29 C.F.R. 1910.1200

Section I. Identity of Product

Manufacturer: Proto Corp.
 Address: 10500 47th Street North
 Clearwater, Florida 33762
 Emergency Telephone Number: (727) 573-4665
 Information Telephone Number: (727) 573-4665
Date Prepared: 4/6/2004
Trade Name: PROTO-JAC

Section II. Hazardous Ingredients

Hazardous Components (Specific Chemical Identity; Common Name(2))

OSHA PEL ACGIH TLV[®] Other Limits

Recommended % (Optional):

PVC Insulation Jacketing ~ Rigid PVC (Homopolymer) Compound, Poly (Vinyl Chloride, PVC, Vinyl

Formula:

Vinyl Resin* plus functional additives *(CH₂CH CL)

CAS Registry Number: N.A. to compounds

(Product manufactured with Homopolymer Polyvinyl Chloride Resin CAS Registry #9002-82-2) Formula additives are bound within polymer matrix, similar to rigid PVC water pipe and PVC home siding and are not expected to create any hazard when handled or applied.

Section III. Physical and Chemical Data

Solubility in Water: None

Melting Point: N.A.

Boiling Point: N.A.

Vapor Pressure (mm HG.): N.A.

Vapor Density (Air = 1): N.A.

Evaporation Rate (Butyl Acetate = 1): N.A.

Specific Gravity (H₂O = 1): 1.3-1.5

Appearance & Odor: Smooth, Hard, No Appreciable Odor.

Section IV. Fire/Explosion Hazard Data

Flash Point: 753° F ASTM C 1929

Flammability Limits: N.A.

LEL: N.A.

UEL: N.A.

Extinguishing media: Water, Carbon Dioxide, or Foam

Unusual Fire or Explosion Hazards: No explosion hazards exist. HCl liberated during burning suffuses into the environment as it is generated. Heavy dilution with water is recommended.

Specific Fire Fighting Procedures: Use of self-contained breathing apparatus approved for acid vapors. In extreme emergencies where escape is essential, breathe and look through wet cloth covering face, in order to allow the water soaked cloth to absorb HCl generated from PVC burning and decomposing.

Section V. Reactivity Data

Stability: Stable

Conditions to avoid: Temperature above 450° F

Incompatibility: None

Hazardous Decomposition Products: Slow release of HCl when heated above 450° F

Hazardous Polymerization: Will not occur

Section VI. Health Hazard Data

Route(s) of Entry: Inhalation – N.A., Skin – N.A., Ingestion – N.A.

Health Hazards (Acute and Chronic): Under designed use conditions: none. There are no acute or chronic health hazards associated with the use of our product. Fire will lead to decomposition with the release of HCl.

Signs and Symptoms of Exposure: HCL liberated during burning will cause irritation of the eyes, skin, and/or respiratory tract. Under designed use conditions PVC is stable.

Medical Conditions Aggravated by Exposure:

Under designed use conditions, none. Under fire conditions, eye or respiratory medical conditions can be aggravated by exposure to HCl.

Emergency and First Aid Procedure: Upon HCl exposure, irrigate eyes and skin with cool water for at least 15 minutes. Remove to fresh air immediately – get medical attention if necessary

Section VII. Precautions for Handling

Steps to be taken in case material is released or spilled: Good housekeeping cleanup of PVC parts and discard in proper disposal units going to landfill areas or high temperature controlled incinerators, to protect from HCl fumes generated from burning PVC.

Waste Disposal Methods: See Above

Precautions to be taken in handling and storage:

Do Not Store near flammable liquids or any area that could exceed 450° F to prevent formation of HCl.

Other Precautions: None other than good work practices, gloves to prevent cuts, safety goggles, etc.

Section VIII. Control Measures

Respiratory Protection: See Above – Self contained air packs in fire fighting conditions or where fumes are present

Ventilation: Local Exhaust – N.A., Special – N.A., Mechanical (General) – N.A., Other – N.A.

Protective Gloves: See Above

Eye Protection: See Above

Other Protective Clothing or Equipment: No normal hazard – See Above – Normally not necessary. Workers discretion

Work/Hygiene Practices: See Above

Prepared by: Proto Corp.

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