

MSDS

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

PROTO **PVC**
CORP 

Identity: **EXOD CPVC Jacketing and Fittings**

(As used on label and list)

Section I

Manufacturer Name: Proto Corp.
Address: 10500 47th Street North, Clearwater, Florida 33762
Emergency Telephone Number: (800) 875-7768
Telephone Number for Information: (727) 573-4665
Date Prepared: 08/2005

Section II

Hazardous Ingredients / Identity Information

OSHA PEL ACGIH TLV other Limits Recommended % (optional):

Modified CPVC Insulation Jacketing

Chemical Name/Formula: Mixture of chlorinated Poly (chloroethene) and process/performance additives such as processing aid, lubricants, heat stabilizer and impact modifier.

CAS Registry Number: N.A. to compound

(Product manufactured with CPVC resin CAS Registry #68648-82-8). Formula additives are physically bound in the matrix during manufacturing process and are not expected to create any hazard when handled or applied.

Section III

Physical/Chemical Characteristics (Typical data, not specification)

Solubility in Water: Insoluble

Specific Gravity (H₂O=1) : 1.4-1.6

Appearance & Odor: Smooth, Hard and Practically odorless

Other: Characteristics such as boiling point, vapor pressure, vapor density and evaporation rate are not applicable to this product.

Section IV

Fire and Explosion Hazard Data

Flash Point - Ignition Temp.: 900°F

Flammable Limits in Air

(% by volume) **Lower:** N.A.

Upper: N.A.

Extinguishing Media: Water, ABC dry chemical and protein type air foams.

Special Fire Fighting Procedure: Use 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.

Unusual Fire and Explosion Hazard: No explosion hazard exist. HCl liberated during burning sulfuses into the environment as it is generated. Heavy dilution with water is recommended. HCl has a corrosive effect on many metals. Affected equipment surfaces and unprotected structural elements of buildings should be washed with a water based solution to remove corrosive deposits as soon as possible after depositions have occurred.

Section V

Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility (Materials to Avoid): None

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

Conditions to Avoid: Overheating

Section VI

Health Hazard Data

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

Health Hazard (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.

Carcinogenicity: No IARC Monographs - No
NTP - No OSHA Regulated - No

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

Medical Conditions Generally Aggravated by Exposure: Under designated use conditions, none. Under fire conditions, eye or respiratory medical condition can be aggravated by exposure to HCl.

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

Section VII

Precautions for Safe Handling and Use:

Steps to be Taken In Case Material Is Released or Spilled:

Good Housekeeping. Cleanup of parts and discard in proper disposal units going to landfill areas or high temperature controlled incinerators, to protect from HCl fumes generated from burning of product.

Waste Disposal Method: SEE ABOVE PRECAUTIONS

Precautions to be Taken In Handling and Storing: Do not store near flammable liquids or any area that could exceed 450°F.

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

Section VIII

Control Measures

Respiratory Protection (Specify Type): See Above - also Self-contained air packs in fire fighting conditions or where fumes are present.

Ventilation: Local Exhaust: N.A.

Special: N.A.

Mechanical: 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. Worker's discretion.

Work/Hygienic Practices: See Above.