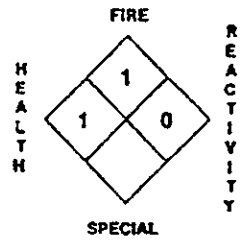
OM0251

HILLSBORO ELEMENTARY SCHOOLS
215 S.E. 6th Ave.
HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET CM 0001

Product Name: A-2000 PVC PLASTIC PIPE
Manufacturing Facility, Company, or Subsidiary: Several Facilities
Address: 1001 Grove Street, Middletown, Ohio 45044
Phone (during normal business hours): 513/425-2178
Date of Preparation: October 1, 1985 SSF Revised 7/1/89 WHL

NFPA 704 RATING



SECTION I — COMPONENT DATA:

Chemical Components	C.A.S. Number	% Wt.
Polyvinyl chloride	9002-86-2	99

Note: Polyvinyl chloride contains residual vinyl chloride in concentrations on the order of 1-10 ppm by weight. Vinyl chloride is a cancer-suspect agent. OSHA Standard 1910.1017 on vinyl chloride sets a permissible exposure limit of 1 ppm averaged over an 8-hour period and 5 ppm over any 15-minute period. This standard, however, does not apply to handling or use of "fabricated products," as defined, if not subject to processing sufficient in time or temperature to cause mass melting.

SECTION II — PHYSICAL DATA:

Boiling Point (°F): Not Applicable (N/A)
Vapor Density (Air = 1): N/A
Specific Gravity (H_2O = 1): 1.4
Evaporative Rate (Ethyl Ether = 1): N/A
Vapor Pressure (mmHg @ 20° C): N/A
Solubility in Water: Negligible
Percent Volatile By Volume: N/A
pH Information: N/A

Appearance and Odor: White or green plastic, no odor

SECTION III — FIRE & EXPLOSION HAZARD DATA:

Flash Point (°F): N/A
Method Used: N/A
Flammability Limits (%/Vol): LEL: N/A
UEL: N/A
Auto-Ignition Temperature (°F): About 850°
Extinguishing Media: CO_2, dry chemical, water spray
Special Fire-Fighting Instructions: Wear self-contained breathing apparatus due to presence of hydrogen chloride. Water spray or fog may be helpful in reducing flame intensity and absorbing irritating fumes.
Unusual Fire and Explosion Hazards: Upon prolonged heating, polyvinyl chloride will decompose and form hydrogen chloride (HCl) gas. The decomposed residue will burn in the fashion of a hydrocarbon tar.

SECTION IV — REACTIVITY DATA:

Stability (conditions to avoid): Unstable to heat. Decomposes upon prolonged heating, emitting HCl.

Incompatibility (materials to avoid): Soluble in certain ketones and organic solvents.

Hazardous Decomposition Products: CO, CO_2, HCl, unknown hydrocarbons, and trace quantities of vinyl chloride monimer. Vinyl chloride is listed as a carcinogen by IARC.

Hazardous Polymerization: Will not occur.

SECTION V — HEALTH HAZARD DATA:

Primary Route(s) of Entry: Inhalation, skin contact

Effects of Exposure: No toxic effects would be expected from its inert solid form.

Inhalation:
Any dust generated from cutting this material is considered to be in the nuisance dust category. Nuisance dusts may cause eye, nose and throat irritation. PVC resins contain small but detectable amounts of residual vinyl chloride monomer, a cancer-suspect agent.

Overexposure to decomposition products (CO, CO_2, HCl, and smoke) may cause coughing, pain, inflammation, edema, and desquamation in the upper respiratory tract.

Skin Contact:
Dust may cause irritation and allergic dermatitis.

Eye Contact:
Dust may cause irritation.

Ingestion:
No effects reported.

Medical Conditions Known to be Aggravated by Exposure to this Material:
Persons with lung disorders or diseases or skin disorders may be at an added risk as a result of overexposure to this material.

Exposure Limits:

Chemical Components	OSHA PEL (mg/m³)	ACGIH TLV (mg/m³)	NTP Listed	IARC Listed
Polyvinyl chloride	None	None	No	No

*Not on Toxic Chemical list (Section 313 SARA)

SECTION VI — EMERGENCY & FIRST-AID PROCEDURES:

Inhalation: In case of overexposure, immediately move person from contaminated area to fresh air. Give artificial respiration if breathing has stopped, or oxygen, if necessary. Seek medical attention, if necessary.

Skin: If irritation develops, remove contaminated clothing immediately, and wash contaminated skin with soap or mild detergent and water for five minutes. If irritation persists, seek medical attention.

Eyes: In case of contact, immediately wash eyes with large amounts of water for fifteen minutes, occasionally lifting the lower and upper lids. Seek medical attention, if necessary.

Ingestion: Seek medical attention, if necessary.

SECTION VII — SPECIAL HANDLING INFORMATION:

Ventilation: Ventilation, as described in the ***Industrial Ventilation Manual*** produced by the American Conference of Governmental Industrial Hygienists, shall be provided in areas where exposures are above the permissible exposure limits or threshold limit values specified by OSHA or other local, state, and federal regulations.

Respiratory Protection: A properly fitted, NIOSH-approved, dust respirator should be worn whenever airborne concentrations exceed the threshold limit value (TLV) or other recommended limits, in accordance with the OSHA Respiratory Protection Standard (29 CFR 1910.134).

Protective Clothing: Not normally required.

Eye Protection: Wear safety glasses.

SECTION VIII — SPILL, LEAK & DISPOSAL PROCEDURES:

Action to Take for Spills (use appropriate safety equipment): N/A
Waste Disposal Method: N/A

SECTION IX — SPECIAL PRECAUTIONS/ADDITIONAL INFORMATION:

Precautions to be Taken in Handling and Storage: Polyvinyl chloride can acquire a substantial static electrical charge. Handling and processing equipment should have adequate electrical grounding.
DOT Information:
Hazardous Material Proper Shipping Name: N/A
Hazard Class: N/A
Identification Number: N/A
EPA Hazardous Waste Number: N/A

Additional Information: None

While the information and recommendations set forth on this data sheet are believed to be accurate as of the present date, Contech makes no warranty with respect thereto and disclaims all liability from reliance thereon.