

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.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)

PVC Pipe and Fittings

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

Charlotte Pipe and Foundry Co., Plastics Division

Emergency Telephone Number

(800) 424-9300 (CHEMTREC)

Address (Number, Street, City, State, and ZIP Code)

P.O. Box 1339

Telephone Number for Information

(704) 372-3650

4210 Old Charlotte Hwy.

Date Prepared

May, 2010

Monroe, N.C. 28111-1339

Signature of Preparer (optional)

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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Less than 3.2 parts per million (ppm) of residual vinyl chloride monomer (rvcm)

Section III - Physical/Chemical Characteristics

Boiling Point

Not Applicable

Solid

Specific Gravity ($H_2O = 1$)

1.42 - 1.56

Vapor Pressure (mm Hg.)

Not Applicable

Solid

Melting Point

Processing Temperature

390°F

Vapor Density (AIR = 1)

Not Applicable

Solid

Evaporation Rate
(Butyl Acetate = 1)

Solid

Solubility in Water

Not Applicable

Appearance and Odor

White, Grey or Green Solid - None

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

Flash Ignition Temp (ASTM D 1929) ~735°F

Flammable Limits

Not Applicable

LEL

N/A

UEL

N/A

Extinguishing Media

Water spray, CO₂ Dry Chemical

Special Fire Fighting Procedures

In confined spaces, self-contained breathing apparatus should be worn.

PVC is a combustible thermoplastic material.

Unusual Fire and Explosion Hazards

Evolves carbon monoxide, hydrogen chloride, and other toxic gases when burned.

Run off water from firefighting may have corrosive effects.

(Reproduce locally)

Section V - Reactivity Data

Stability Not Applicable	Unstable		Conditions to Avoid Not Applicable
	Stable		

Incompatibility (*Materials to Avoid*)

Not Applicable

Hazardous Decomposition or Byproducts

Emits CO, CO₂, hydrogen chloride, organotins and various hydrocarbons with combustion.

Hazardous Polymerization Not Applicable	May Occur		Conditions to Avoid Not Applicable
	Will Not Occur		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
Not Applicable			

Health Hazards (*Acute and Chronic*)

Not Applicable

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Not Applicable			

Signs and Symptoms of Exposure

Combustion products will cause eye, nose and throat irritation.

Medical Conditions Generally Aggravated by Exposure

Prolonged exposure to combustion products may cause bronc spasm in individuals with bronchial asthma.

Emergency and First Aid Procedures

Remove individual from fire area. Call physician, provide protection before re-entry.

If overexposure occurs, leave fire area. If irritation persists, wash with water.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Not Applicable

Waste Disposal Method

Can be sent to sanitary landfill.

Precautions to Be taken in Handling and Storing

Sprinklered warehouses recommended.

Other Precautions

None.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

Not Applicable

Ventilation	Local Exhaust Not Applicable	Special Not Applicable
	Mechanical (<i>General</i>) Not Applicable	Other Not Applicable

Protective Gloves None.	Eye Protection None.
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Other Protective Clothing or Equipment None.
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Work/Hygienic Practices None.
