

NIBCO
AHEAD OF THE FLOW

SECTION I

A. Material Name: CPVC Plastic Fittings / Valves

Chlorinated

Other Names: Chloroethylene Polymer **Chemical Family:** Polyvinyl Chloride

Telephone: 574-295-3000
For chemical emergency - spill, leak,
fire exposure or accident, call:
CHEMTEL 1-800-255-3924 day or night

Composition / Information on Ingredients

[illegible]

	Yes	No		Yes	No		Yes	No		Yes	No
Combustible Liquid		x	Skin Hazard		x	Oxidizer		x	Reproductive Toxin		x
Flammable Material		x	Eye Hazard		x	Organic Peroxide		x	Blood Toxin		x
Pyrophoric Material		x	Toxic Agent		x	Corrosive Material		x	Nervous Sys. Toxin		x
Explosive Material		x	Highly Toxic Agent		x	Compressed Gas		x	Lung Toxin		x
Unstable Material		x	Sensitizer		x	Irritant		x	Liver Toxin		x
Water Reactive Mat.		x	Carcinogen		x				Kidney Toxin		x

Comments.

SECTION II Composition / Information on Ingredients (CONTINUED)**SHIPPING INFORMATION**

DOT HAZARD CLASS:

DOT SHIPPING NAME:

SHIPPING I.D. NUMBER:

SPECIAL HAZARD DESIGNATIONS

	HMIS	NFPA	HAZARD RATING
HEALTH;	0	0	0 - MINIMAL
FLAMMABILITY:	0	0	1 - SLIGHT
REACTIVITY:	0	0	2 - MODERATE
PROTECTIVE EQUIPMENT:	B		3 - SERIOUS
			4 - SEVERE

SECTION III**PHYSICAL DATA****Melting Point:** 200 °F**Vapor Pressure (mm Hg):** <0.1**Boiling Point:** N/A**Vapor Density (AIR=1):** N/A**Specific Gravity (H₂O=1):** 1.4 - 1.6**Solubility in Water:** Insoluble**Appearance and Odor:** odorless solid**SECTION IV****FIRE AND EXPLOSION HAZARD DATA****Flash Point (method used):** N/A**LEL:** N/A **UEL:** N/A**Extinguishing Media:** Water spray, ABC dry chemical, carbon dioxide**Special Fire fighting Procedures:** Fire fighters should be equipped for protection against high heat, depletion of oxygen, heavy smoke and molten plastic.**Unusual Fire and Explosion Hazards:** Under burning conditions, CPVC will release hydrogen chloride, carbon monoxide and carbon dioxide. Other gases released in small quantities are: benzene and aromatic and aliphatic hydrocarbons. The combustion products of PVC like those from other natural and synthetic products must be considered toxic.**SECTION V****REACTIVITY DATA****A. Stability:** ☒ Stable ☐ Unstable**Conditions to Avoid:** N/A**B. Hazardous Polymerization:** ☐ May Occur ☒ Will Not Occur**Conditions to Avoid:** N/A**C. Incompatible Materials:** None known**D. Hazardous Decomposition Products:** Hydrogen chloride, carbon monoxide, carbon dioxide and small amounts of benzene and aromatic and aliphatic hydrocarbons.

SECTION VI**HEALTH HAZARD DATA****Route(s) of Entry:**☒ Inhalation☐ Ingestion☐ Skin**Health Hazards (Acute and Chronic):**

The fittings as received do not present an inhalation, skin contact or eye contact hazard. Listed hazards may result from remelting or combustion of the fittings.

A. Metals:

Organic Tin Compound: Organic tin compounds can affect the body if they are inhaled or if they come in contact with the eyes or skin. Organic tin compounds are primary skin irritants capable of penetrating intact skin, and can cause skin lesions on repeated contact.

B. Other Constituents:

Chlorinated Polyvinyl Chloride: Chronic inhalation of PVC dust has been reported to cause pulmonary damage, blood effects and abnormal liver function. Repeated skin contact can cause allergic dermatitis.

C. Carcinogenicity:☐ NTP☐ IARC☐ OSHA

None of the constituents show carcinogenicity.

D. Emergency First Aid:

Not applicable to finished fittings.

SECTION VII**SPILL OR LEAK PROCEDURES**

- A. **Special Handling or Storage:**
Store fittings away from weather and sources of heat.
- B. **Spill or Leak Containment:**
For spills of broken fittings, sweep from floor for stable footing and to prevent slips by personnel.
- C. **Waste Disposal:**
Dispose of waste in a licensed landfill or incinerate in accordance with federal, state and local regulations.
- D. **Other Precautions:**
None.

SECTION VIII**SPECIAL PROTECTION INFORMATION**

- A. **Respiratory Protection (specify type):** NIOSH approved for organic vapor when solvent welding in poorly ventilated areas.
- B. **Ventilation:** ☐ Local Exhaust ☐ Mechanical (General)
Other (specify): N/A
- C. **Eye Protection:** ☒ Yes ☐ No glasses or goggles
Type: when solvent welding
- D. **Protective Gloves:** ☒ Yes ☐ No rubber or PVA coated
Type: when solvent welding
- E. **Other Protective Equipment or Clothing:** ☐ Yes ☒ No
Type: N/A
- F. **Special Precautions or Work Practices:** N/A

DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

PRODUCT NAME

CPVC Plastic Fittings / Valves

MSDS No.

FP-5

Refer to Material Safety Data Sheet for more information



NIBCO INC.
1516 Middlebury St.
ELKHART, IN 46516
574-295-3000

NFPA RATING AS SHIPPED

HEALTH HAZARD 4. EXTREME HAZARD - AVOID CONTACT OR BREATHING VAPOR 3. SEVERE HAZARD - USE SPECIAL CLOTHING AND MASKS 2. HAZARDOUS - USE MASKS OR SPECIAL VENTILATION 1. SLIGHTLY HAZARDOUS - IRRITATING 0. NORMAL MATERIAL	FIRE HAZARD 4. EXTREMELY DANGEROUS AND EXPLOSION HAZARD 3. FIRE AND EXPLOSION HAZARD 2. WILL BURN AT TEMPS ABOVE 100 °F 1. WILL BURN AT TEMPS ABOVE 200 °F 0. WILL NOT BURN	REACTIVITY HAZARD 4. EXTREME HAZARD - VACATE AREA IN CASE OF FIRE 3. SEVERE EXPLOSION HAZARD 2. VIOLENT CHEMICAL CHANGE POSSIBLE 1. UNSTABLE IF HEATED 0. NORMALLY STABLE
(RED) 0 (BLUE) 0 (YELLOW) 0 W USE NO WATER P POLYMERIZES		
CAUTION! Cutting or remelting of this product may generate toxic fumes or dust. Refer to MSDS and health hazards and target organ effects listed below.		

INGREDIENTS

Organic Tin Compound, Chlorinated PVC Resin, Carbon Black

STORAGE AND HANDLING

Store away from excessive heat and open flame

SARA SECT. 313 NOTIFICATION

- ☐ TOXIC
☐ HIGHLY TOXIC
☐ REPRODUCTIVE TOXIC

HEALTH HAZARDS

- ☐ IRRITANT
☐ CORROSIVE
☐ SENSITIZER

- ☐ CARCINOGEN
☐ _____
☒ NO KNOWN EFFECTS

IMMEDIATE AND DELAYED HEALTH EFFECTS

- | | | |
|---|---|--|
| ☐ HEPATOTOXINS (LIVER DAMAGE) - jaundice, liver enlargement
☐ NEPHROTOXINS (KIDNEY DAMAGE) - edema, proteinuria
☐ NEUROTOXINS (NERVOUS SYSTEM DAMAGE) - narcosis, behavioral changes, decrease in motor functions | ☐ HEMATOPOIETICS (BLOOD DAMAGE) - cyanosis, unconsciousness
☐ PULMONARY DYSFUNCTIONS (Lung Damage) - shortness of breath, chest tightness, cough
☐ REPRODUCTIVE TOXINS - birth defects, sterility | ☐ CUTANEOUS HAZARDS - skin damage, rashes, irritation, defatting of skin
☐ EYE HAZARDS - impaired vision, conjunctivitis, corneal damage
☒ NONE - no known immediate or delayed effects |
|---|---|--|