

SECTION II		Composition / Information on Ingredients (CONTINUED)		
SHIPPING INFORMATION		SPECIAL HAZARD DESIGNATIONS		
DOT HAZARD CLASS:		HMIS	NFPA	HAZARD RATING
DOT SHIPPING NAME:	HEALTH;	0	0	0 - MINIMAL
	FLAMMABILITY:	0	0	1 - SLIGHT
	REACTIVITY:	0	0	2 - MODERATE
	PROTECTIVE EQUIPMENT:	B		3 - SERIOUS
SHIPPING I.D. NUMBER:				4 - SEVERE

SECTION III		PHYSICAL DATA	
Melting Point:	<u>200 °F</u>	Vapor Pressure (mm Hg):	<u><0.1</u>
Boiling Point:	<u>N/A</u>	Vapor Density (AIR=1):	<u>N/A</u>
Specific Gravity (H ₂ O=1):	<u>1.4 - 1.6</u>	Solubility in Water:	<u>Insoluble</u>
Appearance and Odor:	<u>odorless solid</u>		

SECTION IV		FIRE AND EXPLOSION HAZARD DATA	
Flash Point (method used):	<u>N/A</u>		
LEL:	<u>N/A</u>	UEL:	<u>N/A</u>
Extinguishing Media:	<u>Water spray, ABC dry chemical, carbon dioxide</u>		
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:	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable	
Conditions to Avoid:	<u>N/A</u>		
B. Hazardous Polymerization:	<input type="checkbox"/> May Occur	<input checked="" type="checkbox"/> Will Not Occur	
Conditions to Avoid:	<u>N/A</u>		
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 Type: glasses or goggles when solvent welding
- D. **Protective Gloves:** Yes No Type: rubber or PVA coated 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

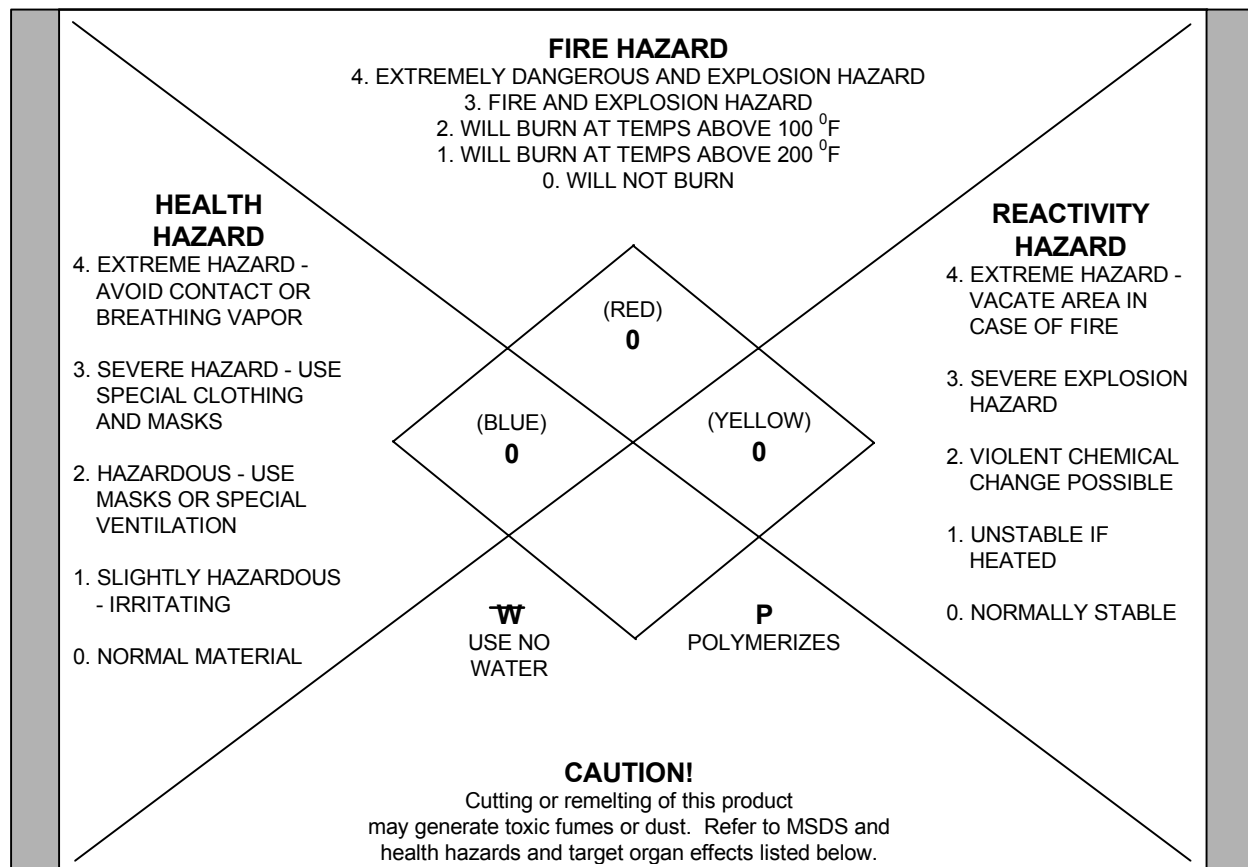


NIBCO INC.
 1516 Middlebury St.
 P.O. BOX 1167
 ELKHART, IN 46516
 219-295-3000

MSDS No.

FP-5

Refer to Material Safety Data Sheet for more information

NFPA RATING AS SHIPPED**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

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