

SECTION II HAZARDOUS INGREDIENTS (CONTINUED)**SHIPPING INFORMATION**

DOT HAZARD CLASS: N/A

DOT SHIPPING NAME: N/A

SHIPPING I.D. NUMBER: N/A

SPECIAL HAZARD DESIGNATIONS

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

SECTION III**PHYSICAL DATA****Melting Point:** 1981 °F (approx.)**Vapor Pressure (mm Hg):** N/A**Boiling Point:** N/A**Vapor Density (AIR=1):** N/A**Specific Gravity (H₂O=1):** 8.94**Solubility in Water:** Insoluble**Appearance and Odor:** orange-red (copper) solid with no odor**SECTION IV****FIRE AND EXPLOSION HAZARD DATA****Flash Point (method used):** N/A**LEL:** N/A **UEL:** N/A**Extinguishing Media:** N/A**Special Fire fighting Procedures:** N/A**Unusual Fire and Explosion Hazards:** N/A**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:** N/A**D. Hazardous Decomposition Products:** N/A

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:

Copper: Exposure to fumes or dusts may produce "metal fume fever" with flu-like symptoms including: fever, chills, aches, dry throat and nausea. Other symptoms of overexposure may include metallic taste, discoloration of the skin or hair and irritation of eyes, nose or throat.

Phosphorus: The vapors of burning phosphorus are irritating to the nose, throat and lungs. Phosphorus on contact with the skin may ignite and produce severe skin burns with blistering. Phosphorus is especially hazardous to the eyes and may produce severe damage.

B. Other Constituents:

N/A

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:**
Keep dry if metal is to be remelted.
- B. **Spill or Leak Containment:**
Recover solid material, no environmental hazard anticipated.
- C. **Waste Disposal:**
Recycle when possible, consult state and federal regulations for landfill disposal.
- D. **Other Precautions:**
None.

SECTION VIII**SPECIAL PROTECTION INFORMATION**

- A. **Respiratory Protection (specify type):** NIOSH approved for toxic dust/ fumes if remelting
- B. **Ventilation:** ☐ Local Exhaust ☐ Mechanical (General)
Other (specify): N/A
- C. **Eye Protection:** ☐ Yes ☒ No Type: _____
- D. **Protective Gloves:** ☐ Yes ☒ No Type: _____
- E. **Other Protective Equipment or Clothing:** ☐ Yes ☒ No
Type: N/A
- F. **Special Precautions or Work Practices:** N/A

DISCLAIMER OF LIABILITY

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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: Wrot Copper Fittings

MSDS No: FP-3

Refer to Material Safety Data Sheet for more information



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NFPA RATING AS SHIPPED

HEALTH HAZARD	FIRE HAZARD	REACTIVITY HAZARD
4. EXTREME HAZARD - AVOID CONTACT OR BREATHING VAPOR	4. EXTREMELY DANGEROUS AND EXPLOSION HAZARD	4. EXTREME HAZARD - VACATE AREA IN CASE OF FIRE
3. SEVERE HAZARD - USE SPECIAL CLOTHING AND MASKS	3. FIRE AND EXPLOSION HAZARD	3. SEVERE EXPLOSION HAZARD
2. HAZARDOUS - USE MASKS OR SPECIAL VENTILATION	2. WILL BURN AT TEMPS ABOVE 100 °F	2. VIOLENT CHEMICAL CHANGE POSSIBLE
1. SLIGHTLY HAZARDOUS - IRRITATING	1. WILL BURN AT TEMPS ABOVE 200 °F	1. UNSTABLE IF HEATED
0. NORMAL MATERIAL	0. WILL NOT BURN	0. NORMALLY STABLE

(RED) 0

(BLUE) 0 (YELLOW) 0

W USE NO WATER **P** POLYMERIZES

CAUTION!
Welding, 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

Iron, silicon, manganese. See Material Safety data Sheet for a listing of minor ingredients.

STORAGE AND HANDLING

Material should be kept dry if it is to be melted to prevent steam explosion.

SARA SECT. 313 NOTIFICATION

Aluminum, chromium, copper, nickel, manganese.

- ☐ TOXIC
☐ HIGHLY TOXIC
☐ REPRODUCTIVE TOXIC

HEALTH HAZARDS

- ☐ IRRITANT
☐ CORROSIVE
☐ SENSITIZER

- ☐ CARCINOGEN
☐ _____
☒ NO KNOWN EFFECTS

IMMEDIATE AND DELAYED HEALTH EFFECTS

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