



**SECTION II Composition / Information on 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:** N/A, softening @ 194 °F**Vapor Pressure (mm Hg):** N/A**Boiling Point:** N/A**Vapor Density (AIR=1):** N/A**Specific Gravity (H<sub>2</sub>O=1):** 1.05**Solubility in Water:** Insoluble**Appearance and Odor:** Color: Opaque, Black, Off White or Green; odorless solid**SECTION IV****FIRE AND EXPLOSION HAZARD DATA****Flash Point (method used):** 730 - 752 °F**LEL:** N/A **UEL:** N/A**Extinguishing Media:** Water spray, ABC dry chemical, foam, 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, ABS will release acrylonitrile, butadiene, styrene, hydrocarbon fragments, hydrogen cyanide, carbon monoxide and carbon dioxide. The combustion products of ABS like those from other natural and synthetic products must be considered toxic.**SECTION V****REACTIVITY DATA**A. **Stability**  Stable  Unstable**Conditions to Avoid:** N/AB. **Hazardous Polymerization:**  May Occur  Will Not Occur**Conditions to Avoid:** N/AC. **Incompatible Materials:** None knownD. **Hazardous Decomposition Products:** Hydrogen cyanide, carbon monoxide, carbon dioxide and small amounts of acrylonitrile, butadiene, and styrene..

**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 cutting or sanding of the fittings.

A. **Metals:**

B. **Other Constituents:**

**Acrylonitrile butadiene styrene copolymer:** ABS dust should be considered as a nuisance dust with a potential to cause irritation of the mucous membranes of the respiratory tract by mechanical insult. Direct skin contact with the dust does not produce skin irritation.

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 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: Scrubber 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.