

SECTION II Composition / Information on Ingredients (CONTINUED)

SHIPPING INFORMATION	SPECIAL HAZARD DESIGNATIONS		
DOT HAZARD CLASS: NA	HMIS	NFPA	HAZARD RATING
DOT SHIPPING NAME: Synthetic Resin, flakes, powders	HEALTH: 0	0	0 - MINIMAL
	FLAMMABILITY: 0	0	1 - SLIGHT
	REACTIVITY: 0	0	2 - MODERATE
	PROTECTIVE EQUIPMENT:		3 - SERIOUS
SHIPPING I.D. NUMBER: 156200			4 - SEVERE

SECTION III PHYSICAL DATA

Melting Point: 320 - 338 °F **Vapor Pressure (mm Hg):** N/A

Boiling Point: N/A **Vapor Density (AIR=1):** N/A

Specific Gravity (H₂O=1): 1.78 **Solubility in Water:** insoluble

Appearance and Odor: odorless clear pellets

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): N/A

LEL: N/A **UEL:** N/A

Extinguishing Media: does not support combustion

Special Fire fighting Procedures: In the event of fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full face piece, operated in the positive pressure mode

Unusual Fire and Explosion Hazards: Irritating and/or toxic gases due to decomposition of the product may be generated during a fire. Thermal decomposition begins to generate hydrogen fluoride, which is corrosive and causes skin and eye burns on contact, at 600 °F and evolution becomes rapid at 700 °F.

SECTION V REACTIVITY DATA

A. **Stability:** Stable Unstable

Conditions to Avoid: heating above 572 °F

B. **Hazardous Polymerization:** May Occur Will Not Occur

Conditions to Avoid: _____

C. **Incompatible Materials:** Strong bases and strong alkalis.

D. **Hazardous Decomposition Products:** hydrogen fluoride, carbon monoxide, carbon dioxide.

SECTION VI**HEALTH HAZARD DATA**

Route(s) of Entry: Inhalation Ingestion Skin

Health Hazards (Acute and Chronic):

A. **Metals:**

B. **Other Constituents:**

Polyvinylidene Chloride Polymer: It is reasonable to anticipate that ingestion of dust would be irritating to the gastro-intestinal tract. Dusts or vapors may be irritating to the respiratory tract and cause coughing or sneezing. No chronic exposure effects are known. As with any organic compound that is heated to vaporization, exposure may aggravate pre-existing conditions such as colds, allergies, asthma emphysema and psoriasis.

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 and away from strong bases and alkalis. Avoid dispersion of dust into the air. Maintain good housekeeping standards to prevent the accumulation of dust.
- 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 dust/fume/acid gas or organic cartridge respirator, as appropriate
- B. **Ventilation:** Local Exhaust Mechanical (General)
Other (specify): _____
- C. **Eye Protection:** Yes No Type: glasses or goggles when thermal welding *
- D. **Protective Gloves:** Yes No Type: Thermally insulating when thermal welding *
- E. **Other Protective Equipment or Clothing:** Yes No
Type: N/A
- F. **Special Precautions or Work Practices:** None

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

Kynar Plastic Fittings / Valves / Pipe

MSDS No.

FP-14

Refer to Material Safety Data Sheet for more information



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NFPA RATING AS SHIPPED

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

<p style="text-align: center;">INGREDIENTS</p> <p>Polyvinylidene Floride</p>	<p style="text-align: center;">STORAGE AND HANDLING</p> <p>Store away from excessive heat and open flame</p>
<p style="text-align: center;">SARA SECT. 313 NOTIFICATION</p>	

<p><input type="checkbox"/> TOXIC</p> <p><input type="checkbox"/> HIGHLY TOXIC</p> <p><input type="checkbox"/> REPRODUCTIVE TOXIC</p>	<p style="text-align: center;">HEALTH HAZARDS</p> <p><input type="checkbox"/> IRRITANT</p> <p><input type="checkbox"/> CORROSIVE</p> <p><input type="checkbox"/> SENSITIZER</p>	<p><input type="checkbox"/> CARCINOGEN</p> <p><input type="checkbox"/> _____</p> <p><input checked="" type="checkbox"/> NO KNOWN EFFECTS</p>
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<p>IMMEDIATE AND DELAYED HEALTH EFFECTS</p>		
<p><input type="checkbox"/> HEPATOXINS (LIVER DAMAGE) - jaundice, liver enlargement</p> <p><input type="checkbox"/> NEPHROTOXINS (KIDNEY DAMAGE) - edema, proteinuria</p> <p><input type="checkbox"/> NEUROTOXINS (NERVOUS SYSTEM DAMAGE) - narcosis, behavioral changes, decrease in motor functions</p>	<p><input type="checkbox"/> HEMATOPOIETICS (BLOOD DAMAGE) - cyanosis, unconsciousness</p> <p><input type="checkbox"/> PULMONARY DYSFUNCTIONS (Lung Damage) - shortness of breath, chest tightness, cough</p> <p><input type="checkbox"/> REPRODUCTIVE TOXINS - birth defects, sterility</p>	<p><input type="checkbox"/> CUTANEOUS HAZARDS - skin damage, rashes, irritation, defatting of skin</p> <p><input type="checkbox"/> EYE HAZARDS - impaired vision, conjunctivitis, corneal damage</p> <p><input checked="" type="checkbox"/> NONE - no known immediate or delayed effects</p>