

# Safety Data Sheet

Rev 2.1: 01/01/2017



## SECTION I - IDENTIFICATION

**Manufacturer's Name:** FORMUFIT

**Manufacturer's Address:** 15432 S Keeler Street, Ste B  
Olathe, KS 66062

**Product:** Polyvinyl Chloride (PVC) Pipes and Fittings

**Manufacturer's Product Code:** Various.

**Uses:** Outdoor Patio Furniture, Durable Medical Equipment, Railing Systems, Retail Displays and Racks, Dog Agility Equipment, Greenhouse structures. Also appropriate for other applications where high-impact, weatherability and outside appearance are critical.

## SECTION II - PRODUCT INGREDIENTS

**Ingredient Explanation:** All ingredients are bound-up in the manufacturing process and are not expected to create a hazard under normal handling.

CHEMICAL	AMOUNT
Polyvinyl Chloride Resin	Major
PVC Additives (for UV Protection and Impact Resistance)	Minor

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## SECTION III - PHYSICAL DATA

<b>Appearance:</b>	White & Various Custom Colors.
<b>Odor:</b>	No Odor.
<b>Boiling Point:</b>	None.
<b>Melting Point:</b>	Softening of material occurs at 170 °F with a continuous and constant heat source.
<b>Solubility in Water:</b>	None.
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1.4 to 1.6

## SECTION IV - FIRE & EXPLOSION DATA

<b>Flash Point:</b>	Ignition Temperature ~ 735 °F
<b>Flammability Limits:</b>	Self-extinguishing when fire source is removed.
<b>Extinguishing Media:</b>	Water or Foam medium is preferred. CO <sub>2</sub> and Dry Chemical methods are suitable but not preferred, as lack of cooling capacity may result in re-ignition.
<b>Special Fire Fighting Procedures:</b>	Wear a self-contained breathing apparatus (SCBA). Personnel not having a SCBA should leave the area immediately and avoid smoke inhalation.
<b>Unusual Fire &amp; Explosion Hazards:</b>	Releases corrosive & toxic gases when burned (e.g., hydrogen chloride gas)

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## SECTION V - HEALTH HAZARD DATA

<b>Exposure:</b>	There are no significant health hazards from exposure to the product in rigid form at ambient temperatures.
<b>Routes of Entry and First Aid Measures:</b>	<p><i>Inhalation (Nose &amp; Throat)</i> - Precautions should be taken to avoid inhalation through the nose and throat. Inhalation of burning product will cause irritation of the respiratory tract. Remove individual from area of fire. Seek medical advice.</p> <p>Operations involving heating (forming) of PVC sufficient to result in degradation should be examined to ensure proper ventilation.</p> <p>Cutting and drilling PVC will release nuisance dust particles which are non-toxic. NIOSH approved respirator or filter mask is recommended. Ventilate adequately when cutting.</p> <p><i>Eyes</i> - When cutting, the use of eye protection is recommended. PVC dust particles should be flushed with water. If irritation persists, contact physician.</p> <p><i>Skin</i> - Wash with soap and water.</p>

## SECTION VI - SAFE HANDLING AND USE

<b>Steps to Be Taken in Case Material is Released or Spilled:</b>	Material is inert. Place in container for reuse or disposal.
<b>Waste Disposal Method:</b>	<p>In accordance with federal, state and local regulations.</p> <p>Product is recyclable as a #3 (vinyl) plastic product.</p>
<b>Precautions to be Taken in Handling and Storing:</b>	Sprinkler equipped warehouses recommended.