



MATERIAL SAFETY INFORMATION SHEET

SECTION I - IDENTIFICATION

Manufacturer's Name:

C&S Plastics
1635 7th Street SW
Winter Haven, FL 33880
800-476-0823

Date Prepared: 1/7/08

Rev: 5/7/15

Product:

Polyvinyl Chloride (PVC) Pipes and Fittings

Manufacturer's Product Code:

Various

Uses:

Outdoor Patio Furniture, Durable Medical Equipment, Railing Systems, POP Displays and Racks. Also appropriate for other applications where high-impact, weatherability and outside appearance are critical.

SECTION II - HAZARDOUS INGREDIENTS / PRODUCT INGREDIENTS

All ingredients are bound-up in the manufacturing process and are not expected to create a hazard under normal handling. There is no presence of heavy metals/phthalates.

<u>Chemical</u>	<u>Amount</u>
Polyvinyl Chloride Resin	Major
PVC Additives	Minor

SECTION III - PHYSICAL DATA

Appearance & Odor:

White, Gray, Vanilla, Bone, Black, various custom colors. No Odor.

Boiling Point:

N/A

Melting Point:

Softening of material occurs around 170 °F with a continuous heat source.

Solubility in Water:

N/A

Specific Gravity (H₂O = 1):

1.4-1.6

SECTION IV - FIRE & EXPLOSION DATA

Flash Point:

Ignition Temperature ~ 735 °F

Flammability Limits:

Self Extinguishing when fire source is removed.



Extinguishing Media:

Water or Foam is preferred. CO₂ and Dry Chemical are suitable but not preferred, as lack of cooling capacity may result in re-ignition.

Special Fire Fighting Procedures:

Wear a self-contained breathing apparatus (SCBA). Personnel not having a SCBA should leave the area immediately and avoid smoke inhalation.

Unusual Fire & Explosion Hazards:

Releases corrosive & toxic gases when burned (e.g., hydrogen chloride)

SECTION V - HEALTH HAZARD DATA

Exposure:

There are no significant health hazards from exposure to the product in rigid form at ambient temperatures.

Routes of Entry and First Aid Measures:

Inhalation (Nose & Throat) – Precaution 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 fire area. Seek medical advice.

Operations involving heating (forming) of PVC sufficient to result in degradation should be examined to ensure proper ventilation.

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.

Eyes - When cutting, the use of eye protection is recommended. PVC dust particles should be flushed with water. If irritation persists, call physician.

Skin - Wash with soap and water.

SECTION VI - SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:

Material is inert. Place in container for reuse or disposal.

Waste Disposal Method:

In accordance with federal, state and local regulations.

Precautions to be Taken in Handling and Storing:

Sprinklered warehouses recommended.