



TECH PLAS
EXTRUSIONS

Material Safety Data Sheet

Jan 2014

Material: Rigid PVC, Lead free stabilizer System
Product Name: PVC Building Profiles
Chemical Name: un-plasticized Polyvinyl Chloride (uPVC)
Supplier: Tech Plas Extrusions Pty Ltd

This Material is not Hazardous according to the criteria set by Workplace Australia.

Physical Properties:

End Use:

Relative Density: 1.50 **Hardness:** D65-85

Fire/Explosive Data:

Flammability: uPVC is self-extinguishing & does not support combustion.

Early Fire Hazard: **Ignitability:** 0-13
(AS 1530) **Heat Evolved:** 0-1
Typical **Spread of Flame:** 0-2
Values **Smoke Developed:** 5-8

Extinguishing Media: Chemical Foam, Dry Chemical, CO2

**Special Fire Fighting
Procedure/Personal
Protection:**

When fighting fires, self contained breathing apparatus & full protective clothing should be worn. Remove source of ignition.

**Unusual Fire & Explosion
Hazard:**

uPVC decomposes when burned from an external heat source, evolving hydrogen chloride, carbon monoxide, & other toxic gases. Exposure to combustion products may be fatal & should be avoided.

Skin contact:

No significant hazard. Possible reaction with allergenic dermatitis suffers to uPVC dust.

Contact with Eyes:

No significant hazard. Irritation and soreness of eyes may be caused due to uPVC dust.

Inhalation (of UPVC dust):

No significant hazard.



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Ingestion:

No significant hazard.

Emergency Action:

Skin Contact:

If exposed to dust wash thoroughly with soap & water.

Contact with eyes:

Flush eyes for at least 15 minutes holding eyelids apart to ensure complete irrigation of all eye & lid tissue. If irritation occurs seek medical attention.

**Inhalation (of fumes)
Under decomposition
conditions (Fire):**

If exposed to toxic fumes through decomposition of PVC due to fire, remove to fresh air. If breathing has stopped, give mouth – mouth resuscitation & get medical attention.

Ingestion:

None normally required.

Special Protection:

**Handling:
(Non Hazardous)**

Unless conditions are excessively dusty, no special precautions are required. In dusty areas, for example when cutting, the wearing of a dust mask is recommended & protective gloves for allergenic dermatitis sufferers. If cutting in a closed/confined space, adequate ventilation should be supplied.

Other Information:

The data given here is based on Current knowledge and Experience .The purpose of safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regards to the Product's Properties.

**Approved Contact Point:
Title/Position:
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