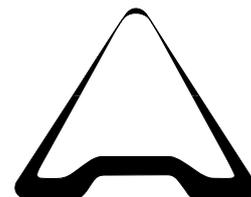


SAFETY DATA SHEET

PVC/Polycarbonate EasyFix -thin



Identification of the substance/preparation and of the company/undertaking

1. Identification of the product

Product name: PCV/Polycarbonate EasyFix -thin

Manufacturer/supplier identification

Company: Alternative Plastics Ltd
Unit 1, Buckingham Close, Bermuda Ind Estate,
Nuneaton, Warwickshire. CV10 7JT

Emergency telephone No: 02476 641210

2. Composition/information on ingredients

Chemical characterization

Organic solvent

Contains: Tetrahydrofuran

CAS number: 109-99-9

EEC-No.: 203-726-8

3. Hazards identification

Highly flammable. May form explosive peroxides. Irritating to eyes and respiratory system.

4. First aid measures

Eye contact: Irrigate thoroughly with water for at least 10 minutes. OBTAIN MEDICAL ATTENTION.

Inhalation: Remove from exposure, rest and keep warm. In severe cases obtain medical attention.

Skin contact: Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases, OBTAIN MEDICAL ATTENTION.

Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

5. Fire-fighting measures

Special risks:

Highly flammable. Vapour/air mixture explosive.

Suitable extinguishing media:

Water spray, foam, dry powder or carbon dioxide

6. Accidental release measures

Shut off all sources of ignition. Inform others to keep at a safe distance. Wear appropriate protective clothing.

Absorb on an inert absorbent, transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

7. Handling and storage

Handling:

Care should be taken to remove any peroxides present before distilling to low volume. Take precautions against static discharge. All electrical equipment must be flameproofed.

Storage:

Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture. Store small containers in suitable flammable liquid storage cabinets when not in use. Larger drums (200l) must be kept in purpose-built stores.

8. Exposure controls/personal protection

As appropriate to quantity handled.

Respirator: Self-contained breathing apparatus

Ventilation: Fume cupboard, flameproof

Gloves: Nitrile

Eye Protection: Goggles or face-shield

Other Precautions: Plastic apron, sleeves, boots - if handling large quantities

9. Physical and chemical properties

Form:	liquid
Colour:	colourless
Odour:	ether-like
Melting temperature	-180°C
Boiling temperature	66°C
Density (g/ml)	0.89
Vapour pressure	129mmHg, 20°C
Density	2.5
Solubility in water	Miscible in all proportions
Flash point	170°C
Explosion limits:	lower: 1.5% Upper: 12%
Ignition temperature	230°C

10. Stability and reactivity

Light sensitive, sensitive to air.

Unsuitable working materials: various plastics.

Conditions to be avoided: Strong heating.

Substances to be avoided

Alkali hydroxides, hydrides, halogens, air/oxygen, oxidizing agents.

Hazardous decomposition products: peroxides.

Stabilizer: 2,6-Di-tert.-butyl-4-methylphenol (B HT)

11. Toxicological information

After inhalation of vapours: headache. In high doses: narcosis.

After skin contact: moderate irritant effect. Degreasing effect on the skin, possibly followed by secondary inflammation.

Further data

LD50 2816 mg/kg oral, rat.

LC50 62 mg/l inhalation, rat.

No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.

12. Ecological information

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

13. Disposal considerations

Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

14. Transport information

UN-No.: 2056

IMDG class: 3.1

IMO: 3.1/2056

Packaging group: II

IATA: 2056

Packaging group: II

Contains: TETRAHYDROFU RAN

ADR/RID: 3,3'(b)

15. Regulatory information

Labeling according to EEC directives

Symbol: F Xi Highly flammable. Irritant.

R-phrases: R1 1-19-36/37

Highly flammable. May form explosive peroxides. Irritating to eyes and respiratory system.

S-phrases: S16-29-33

Keep away from sources of ignition - No smoking. Do not empty into drains. Take precautionary measures against static discharges.

EEC-No.: 203-726-8

Local Regulations

Regulated in the UK under the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972.

UK Exposure Limits: OES, Long-term, mg/m³: 295 (Sk) – Tetrahydrofuran

16. Other information

Reason for alteration: Change in section: 15

Revision Date: 25/04/95

Date of Print: 27/03/97

This information only concerns the product referred to and does not need to be valid if used with other product(s) or in any process. The information is to our best knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.