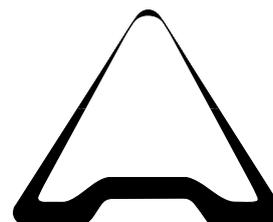


# SAFETY DATA SHEET

## ABS/Polystyrene EasyFix -thin



### 1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Product name: ABS / Polystyrene 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: Butanone

CAS number: 78-93-3                      EEC-No.: 201-159-0

### 3. Hazards identification

Highly flammable. Irritating to eyes and respiratory system.

### 4. First aid measures

Eye contact: Irrigate thoroughly with water for at least 10 minutes. If discomfort persists 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, dry powder or vaporising liquids

## 6. Accidental release measures

Shut off all sources of ignition. Inform others to keep at a safe distance. Wear appropriate protective clothing. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on an inert absorbent, transfer to container and arrange removal by disposal company. Ventilate area to dispel residual vapour.

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:

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:	characteristic
Melting temperature	-86°C
Boiling temperature	80°C
Density (g/ml)	0.81
Vapour pressure	71mmHg, 20°C
Density	2.41
pH value	5.5 (300g/l H <sub>2</sub> O)
Solubility In water	Very soluble
Flash point	-1°C
Explosion limits:	lower: 1.8%
	upper: 12%
Ignition temperature	515°C

## 10. Stability and reactivity

Stable.

Substances to be avoided

oxidizing agents, chloroform/alkali hydroxides.

Hazardous decomposition products: peroxides.

## 11. Toxicological information

After skin contact: Irritation.

After eye contact: Irritation. Degreasing effect on the skin, possibly followed by secondary inflammation.

Ingestion causes nausea and vomiting. After the absorption of large quantities: CNS disorders, drowsiness, dizziness, inebriation, drop in blood pressure, narcosis. Causes impaired function of: respiratory tract, heart.

Good warning effect due to low odour threshold.

Further data

LD50 2737 mg/kg oral, rat.

LC50 23.5 mg/l inhalation, rat.

No evidence of carcinogenic properties. May cause adverse 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.: 1193

IMO: 3.2/1193

IATA:1193

Contains: ETHYL METHYL KETONE

ADR/RID: 3,3'(b)

IMDG class: 3.2

Packaging group: II

Packaging group: II

(METHYL ETHYL KETONE)

## 15. Regulatory information

### Labeling according to EEC directives

Symbol: F Xi Highly flammable. Irritant.

R-phrases: R11-36/37

Highly flammable. Irritating to eyes and respiratory system.

S-phrases: S9-16-33-25

Keep container in a well-ventilated place. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Avoid contact with eyes.

EEC-No.: 201-159-0

Local Regulations

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

UK Exposure Limits: OES, Long-term, mg/m<sup>3</sup>: 600 (Sk) - Butan-2-one

## 16. Other information

Revision Date : 18/08/94

Date of print : 02/09/99

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.