

VW Fecit
3 Whitehorse Mews, London SE1 7QD
+ 44 20 7261 1691

MATERIAL SAFETY DATA SHEET

1. Identification of the Substance/ Preparation and Company

EASYSECTIONS EMBEDDING RESIN COMPONENT A

Supplier: **Anglo Adhesives & Services Ltd**
Anglo House,
West Street
Glenfield, Leicester. LE3 8DT
Tel: 44 (0) 1664 480866

2. Composition/ Information on Ingredients

Methyl methacrylate 65 - 75% F Xn
R11 Highly Flammable
R36/37 Irritating to eyes, respiratory system and skin
R43 May cause sensitisation by skin contact

Hydroxyethyltoluidine < 0.5% Xn
R20 Harmful by inhalation
R36 Irritating to eyes

3. Hazards Identification

The solvent component is highly flammable and an irritant. A local build up of solvent vapour must be avoided.

4. First Aid Measures

Inhalation: Provide patient with fresh air and seek medical advice.
Eye Contact: Irrigate thoroughly with water for at least 15 minutes and seek medical advice.
Skin Contact: Remove contaminated clothing immediately. Wipe off excess with a paper towel, then clean with resin removing cream or hand cleanser. DO NOT use solvents. Finally wash with soap and water.
Ingestion: DO NOT induce vomiting. Seek medical advice.

5. Fire Fighting Measures

Use sand or earth to apply to the fire if there is a danger of spreading or flowing. Extinguish with foam or dry powder extinguisher. DO NOT use water.

6. Accidental Release Measures

Ensure all possible sources of ignition are removed. Supply adequate ventilation. Keep away from drains and watercourses. Absorb onto sand or dry earth, Pick up with spark proof tools and place in a sealable metal container pending disposal.

7. Handling and Storage

The adhesive must be stored and used in accordance with the requirements of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulation 1972 and stored in accordance with the Petroleum Regulations.

Avoid skin contact with the adhesive
Avoid inhalation of vapour
Avoid eye contact
Avoid ingestion
Store in sealed containers in a cool, dry place.

8. Exposure Controls / Personal Protection

Provide a safe form of extraction ventilation designed to remove as much of the solvent vapour as possible from the working environment and meet the requirements of Guidance Booklet EH40. The use of effective ventilation, discharged away from the workplace, during application and drying to prevent the risk of vapour inhalation by those in the vicinity, removes the requirement for personal protection, otherwise suitable masks must be used. If splashing is possible eye protection must be used. Skin should be protected by a barrier cream. If skin contact is unavoidable suitable gloves etc to the relevant BSS must be used. Dust created by grinding or polishing has similar fire or explosion hazards and toxic effects as the liquid resin.

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Occupational Exposure standard
Methyl methacrylate 100ppm (8 Hours)
125ppm (15 Hours)
(Ref: EH40/93)

9. Physical and Chemical Properties

Appearance : Viscous purple liquid
Odour : Characteristic odour
Density : Approx. 1.0g/ml
Initial Boiling Point : (Solvent) 100°C
Flash Point : Minus 11°C

These figures are typical and do not constitute a specification

10. Stability and Reactivity

May polymerise on prolonged heating. Avoid polymerisation catalysts such as peroxy and azo compounds. In a fire, smoke and fume with carbon monoxide (CO) and dioxide (CO₂) will be generated.

11. Toxicological Information

Inhalation of vapour in sufficient quantity can result firstly in apparent intoxication, followed by drowsiness, dizziness and nausea leading to eventual unconsciousness. Possible effects of long term excessive exposure are the risk of damage to liver and kidneys. The vapour also irritates the eyes and respiratory track. Ingestion of the adhesive may cause nausea and vomiting leading to the risk of inhalation of vomit and a resulting in a pneumonia-like illness.

12. Ecological Information

Contamination of terrestrial and marine environments should be avoided. When the solvent has evaporated there is no residual hazard to the environment. The concentration of the solvent vapour in the atmosphere must meet any limits set in the Environmental Protection Act.

13. Waste Disposal

Waste adhesive comes within the scope of the Control of Pollution (Special Waste) Regulations 1980. Emptied containers and those containing scrap or spilt adhesive should be resealed or re-lidded so that the vapour is confined to the container. They should be stored as full containers. Disposal must be in accordance with regulations by an authorised company.

14. Transport Information

IMDG Code Class 3.1
UN No 1247
ADR Class 3 5°(b)
Packing Group II

15. Regulatory Information

Classification in accordance with Chemicals (Hazard Information and Packaging) 1993 (CHIP) :

Symbols F Xi	
R11	Highly Flammable
R36/37/38	Irritating to eyes and respiratory system and skin
R43	May cause sensitisation by skin contact
R20	Harmful by inhalation
S16	Keep away from sources of ignition, including pilot lights - NO SMOKING
S29	Do not empty into drains
S3/9	Keep container in a cool, well ventilated place
S33	Take precautionary measures against static discharges

16. Other Information

This product should be used as directed by V.W.FECIT. For further information consult the application data sheet or contact Technical Services Department, Anglo Adhesives & Services Ltd.

This Safety Data Sheet was compiled using the current safety information supplied by the distributors of the component materials.

This Safety Data sheet, in the CHIP format, supersedes all previous issues, and users are cautioned to ensure it is current. Destroy all previous data sheets, and if in any doubt, contact Anglo Adhesives & Services Ltd.. This leaflet may contain inappropriate information under particular conditions of use.