

Trend Machinery & Cutting Tools Ltd.

Odhams Trading Estate, St Albans Road, Watford, Hertfordshire
WD24 7TR United Kingdom. Tel: 0044 (0) 1923 249911

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VERSION: 3	TRENDFIX ADHESIVE
	COPIED: NJM
	ISSUE DATE: 6th FEBRUARY 2009

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name: Trendfix Mitre Glue Adhesive.

Product ref: MB/ADH/50 (MB/KIT)

Application: Cyanoacrylate adhesive for bonding almost all close fitting smooth surfaces in seconds.

Suppliers trade name: Mitre Fast – Adhesive, MITRE1,2, ADH1/5.

Supplier: Everbuild Building Products Limited
Site 41 Knowlesthorne Way
Cross Green Industrial Estate
Leeds
West Yorkshire
England
LS9 0SW

Tel: 0044 (0) 113 240 3456
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Email: pault@everbuild.co.uk

Emergency telephone: 0044 (0) 113 240 3456

2. HAZARD IDENTIFICATION

Main hazard: Irritating to eyes, respiratory system and skin.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS No.	EINECS No.	Wt (%)	Health (Class)	Risk Phrase (R. No.)
Ethyl-2-Cyanoacrylate	7085-85-0	230-391-5	70-90%	Xi	R36/37/38

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Hydroquinone	123-31-9	204-617-8	<1%	Xn Xn Xi Sens. N Xn	R22 R40 R41 R43 R50 R68
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4.1. FIRST-AID MEASURES (SYMPTONS)

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

4.2. FIRST-AID MEASURES (ACTION)

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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5. FIRE-FIGHTING MEASURES

- Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool.
- Exposure hazards: In combustion emits toxic fumes.
- Protection for fire fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions: Do not attempt to take action without suitable clothing – see section 8 of SDS. If outside do not approach from downwind. If outside keep bystanders upwind and way from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
- Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean-up procedure: Wash the spillage site with large amounts of water. Absorb into dry earth or sand.

7. HANDLING AND STORAGE

- Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space.
- Storage conditions: Store in a cool, well-ventilated area. Keep container tightly closed. Store in original containers between +5 and +25°C. Storage outside these parameters will dramatically reduce shelf life and invalidated all product warranties.
- Suitable packaging: Must only be kept in original packaging.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients:	ETHYL-2-CYANOACRYLATE STEL (15 min exposure limit): 1.5 mg/m ³ (OES) HYDROQUINONE TWA (8 hr exposure limit): 0.5 mg/m ³ .
Engineering measures:	Ensure there is sufficient ventilation of the area,
Respiratory protection:	Gas/vapour filter, type A: organic vapours (EN141), must be worn if vapour concentration is above OES or if ventilation is poor.
Hand protection:	Protective gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State:	Liquid.
Colour:	Colourless.
Odour:	Perceptible odour.
Evaporation rate:	Negligible.
Solubility in water:	Polymerises.
Also soluble in:	Acetone. Most organic solvents.
Viscosity:	Viscous.
Viscosity value:	1500.
Viscosity test method:	Brookfield (cps).

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Boiling point/range: 55°C.

Flashpoint: 180-200°C.

Vapour pressure: <0.2mm/hg.

Relative density: 1.05.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Direct sunlight. Moist air.

Materials to avoid: Water. Bases. Alcohols. Amines.

Hazardous decomposition products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Ingredients: ETHYL-2-CYANOACRYLATE
ORL RAT LD50 > 5ml/kg

HYDOQUINONE
ORL MUS LD50 150 mg/kg
ORL RAT LD50 720 mg/kg
SCU RAT LDLO 300 mg/kg

Chronic toxicity: Vapour is irritating to eyes and mucous membrane above TLV. Prolonged and repeated exposure to vapour above the established limits may cause allergic reactions with asthma-like symptoms.

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

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12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Dispose of according to local or national legislation.

Packaging disposal: Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

14. TRANSPORT INFORMATION

Road

ADR UN No: Not classified.

Rail

RID UN No: Not classified.

Sea

IMDG/IMO UN No: Not classified.

Air

IATA/ICAO: Not classified.

15. REGULATORY INFORMATION

Hazard symbols: Irritant.

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Risk phrases:	R36/37/38. Irritating to eyes, respiratory system and skin. R22: Harmful if swallowed. R40: Limited evidence of a carcinogenic effect. R41: Risk of serious damage to eye. R43: May cause sensitisation by skin contact. R50: Very toxic to aquatic organisms. R68: Possible risk of irreversible effects.
Safety phrases.	S2: Keep out of reach of children. S7: Keep container tightly closed. S13: Keep away from food, drink and animal feed stuffs. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/38/39: Wear suitable protective clothing , gloves and eye/face protection. S46: If swallowed, seek medical advice immediately and show the container or label. ETHYL-2-CYANOCRYLATE
Precautionary phrases:	Contains hydroquinone. May produce an allergic reaction. Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of reach of children.
UK regulatory references:	Control of Substances Hazardous to Health Regulations. Chemicals (Hazard Information & Packaging for Supply) Regulations 2002 (CHIP3).
EU directives:	Dangerous Preparations Directive 1999/45/EEC. System of specific information relating to Dangerous Preparations 2001/58/EEC. Registration, Evaluation, Authorisation and restriction of Chemicals (REACH) EC 1907/2006 Article 31 and Annex II.

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Statutory instruments: Control of Substances Hazardous to Health Regulations. Chemicals (Hazard Information & Packaging for Supply) Regulations.

Approved code of practice: Compilation of Safety Data Sheets Safety Data Sheets (3rd Edition).

Guidance notes: CHIP for everyone HSG228.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

User notes: Sections revised: - 1,2,3,11,15,16

Information sources: Supplier's own safety data sheet, issued 04/08/08, revision No. 8. UK REACH Competent Authority Information Leaflet 13 – REACH and SDS - May 2008.

Revisions comments: Change in regulations.

Trend MSDS ref: LEAF/HS/MBADH

Legal disclaimer: The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the stage of publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This company shall not be held liable for any damage resulting from handling or from contact with the above product.