



SAFETY DATA SHEET
STICK 2 EPOXY PUTTY - HARDENER

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Issued: 10/11/2008
Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: STICK 2 EPOXY PUTTY - HARDENER
Company name: EVERBUILD BUILDING PRODUCTS LTD
SITE 41, KNOWSTHORPE WAY
CROSS GREEN INDUSTRIAL ESTATE
LEEDS
WEST YORKSHIRE
LS9OSW
ENGLAND
Tel: 0044 113 240 3456
Fax: 0044 113 240 0024
Emergency tel: 0044 113 240 3456 (office hours only)
Email: pault@everbuild.co.uk

2. HAZARDS IDENTIFICATION

Main hazards: Harmful by inhalation, in contact with skin and if swallowed. Causes burns. Irritating to respiratory system. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of impaired fertility. Possible risk of harm to the unborn child.

3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** 2-PIPERAZIN-1-YLETHYLAMINE 10-30%
EINECS: 205-411-0 CAS: 140-31-8
[Xn] R21/22; [C] R34; [Sens.] R43; [-] R52/53
- 4,4'-ISOPROPYLIDENEDIPHENOL 10-30%
EINECS: 201-245-8 CAS: 80-05-7
[Xi] R37; [Xi] R41; [Sens.] R43; [Xn] R62
 - BENZYL ALCOHOL 1-10%
EINECS: 202-859-9 CAS: 100-51-6
[Xn] R20/22
 - NONYLPHENOL 1-10%
EINECS: 246-672-0 CAS: 25154-52-3
[Xn] R62; [Xn] R63; [Xn] R22; [C] R34; [N] R50/53

4. FIRST AID MEASURES (SYMPTOMS)

- Skin contact:** Severe burns may occur.
Eye contact: May cause permanent damage. There may be severe pain.
Ingestion: Corrosive burns may appear around the lips.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

[cont...]

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4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area.

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required. in normal use. Gas/vapour filter, type K: ammonia and derivatives (EN141). and must be worn if vapour concentration exceeds OES

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Yellowish

Odour: Ammoniacal

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Melting point/range°C: <0

Flash point°C: >90**Relative density:** 1.3**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Materials to avoid:** Acids.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients:** 2-PIPERAZIN-1-YLETHYLAMINE

IPR MUS LD50 250 mg/kg

ORL RAT LD50 2140 µl/kg

- 4,4'-ISOPROPYLIDENEDIPHENOL

ORL MUS LD50 2400 mg/kg

ORL RAT LD50 3250 mg/kg

- BENZYL ALCOHOL

IVN RAT LD50 53 mg/kg

ORL MUS LD50 1360 mg/kg

ORL RAT LD50 1230 mg/kg

- NONYLPHENOL

ORL MUS LD50 1231 mg/kg

ORL RAT LD50 580 mg/kg

Chronic toxicity: May cause sensitisation by skin contact.**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Persistence and degradability:** No data available.**Bioaccumulative potential:** No data available.**Other adverse effects:** Toxic to aquatic organisms.**13. DISPOSAL CONSIDERATIONS****Disposal of packaging:** Dispose of as normal industrial waste.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****UN no:** 2735**ADR Class:** 8**Packing group:** II**Classification code:** C7**Shipping name:** AMINES, LIQUID, CORROSIVE, N.O.S.

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Labelling: 8

Hazard ID no: 80



IMDG / IMO

| | |
|----------------------------|---------------------|
| UN no: 2735 | Class: 8 |
| Packing group: II | EmS: F-A,S-B |
| Marine pollutant: . | |
| Labelling: 8 | |

IATA / ICAO

| | |
|--|-----------------|
| UN no: 2735 | Class: 8 |
| Packing group: II | |
| Packing instructions: 808(P&CA); 812(CAO) | |
| Labelling: 8 | |

15. REGULATORY INFORMATION

Hazard symbols: Corrosive.
Dangerous for the environment.



Risk phrases: R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R34: Causes burns.
R37: Irritating to respiratory system.
R43: May cause sensitisation by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62: Possible risk of impaired fertility.
R63: Possible risk of harm to the unborn child.

Safety phrases: S1/2: Keep locked up and out of the reach of children.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29: Do not empty into drains.
S20: When using do not eat or drink.
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.
S46: If swallowed, seek medical advice immediately and show this container or label.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label

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where possible).

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

Haz. ingredients (label): 2-PIPERAZIN-1-YLETHYLAMINE; 4,4'-ISOPROPYLIDENEDIPHENOL; NONYLPHENOL

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

Risk phrases used in s.3: R21/22: Harmful in contact with skin and if swallowed.
R34: Causes burns.
R43: May cause sensitisation by skin contact.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R37: Irritating to respiratory system.
R41: Risk of serious damage to eyes.
R62: Possible risk of impaired fertility.
R20/22: Harmful by inhalation and if swallowed.
R63: Possible risk of harm to the unborn child.
R22: Harmful if swallowed.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.