

SAFETY DATA SHEET

LUMBERJACK 5 MINUTE POLYURETHANE WOOD ADHESIVE - LIQUID

Page 1

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

Product name: LUMBERJACK 5 MINUTE POLYURETHANE WOOD ADHESIVE - LIQUID

Product code: 5MINPU7

Use / description of product: Harmful. Irritant. Sensitising.

Company name: EVERBUILD BUILDING PRODUCTS LTD

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES) 10-30%

CAS: 9016-87-9

[Xn] R20; [Xi] R36/37/38; [Sens.] R42

3. HAZARDS IDENTIFICATION

Main hazards: Harmful by inhalation. Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation.

4. FIRST AID MEASURES (SYMPTOMS)

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. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. 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: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

[cont...]

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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. If outside do not approach from downwind. If outside keep bystanders upwind and away 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 procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Allow product to solidify and remove it by mechanical means. Remove uncured foam with acetone Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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. Avoid the formation or spread of mists in the air.

Storage conditions: Store in 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 invalidates all product warranties.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients: DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)
TWA (8 hr exposure limit): 0.002 mg/m³ STEL (15 min exposure limit): 0.007 mg/m³ (OES)

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

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Gas/vapour filter, type A: organic vapours (EN141). must be worn if vapour concentration is above OES or if ventilation is poor

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Orange-brown

Odour: Barely perceptible odour

Evaporation rate: Negligible

Solubility in water: Insoluble

Also soluble in: Most organic solvents. in uncured state. Use EVERBUILD FOAM EATER to remove cured product

Viscosity: Highly viscous

Viscosity value: 9000mpas

Boiling point/range°C: 200

Flash point°C: not applic.

Autoflammability°C: >200

Relative density: 1.03

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Stable at room temperature.

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

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of hydrogen cyanide.

11. TOXICOLOGICAL INFORMATION

Ingredients: DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)

ORL RAT LD50 49 gm/kg

SKN RBT LD50 >9400 mg/kg

Chronic toxicity: May cause sensitisation by inhalation. 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: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Waste material code (91/689/EEC, Council Decision 2001/118/EC, O.J L47 of 16/2/2002):
08 05 01 (waste isocyanates)

Disposal of packaging: Waste material code packaging (91/689/EEC); Council decision 2001/118/EC, O.J L47 of
16/2/2001) 15 01 10 (packaging containing residues of or contaminated by dangerous
substances)

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: -

Shipping name: "NOT SUBJECT TO ADR"

IMDG / IMO

UN no: -

IATA / ICAO

UN no: -

15. REGULATORY INFORMATION**Hazard symbols:** Harmful.**Risk phrases:** R20: Harmful by inhalation.

R36/37/38: Irritating to eyes, respiratory system and skin.

R42: May cause sensitisation by inhalation.

Safety phrases: S2: Keep out of the reach of children.

S13: Keep away from food, drink and animal feeding stuffs.

S23: Do not breathe vapour.

S37/39: Wear suitable gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.

Precautionary phrases: Contains isocyanates. See information supplied by the manufacturer.**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. ADDITIONAL INFORMATION****Risk phrases used in s.2:** R20: Harmful by inhalation.

R36/37/38: Irritating to eyes, respiratory system and skin.

R42: May cause sensitisation by inhalation.

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.