

# SAFETY DATA SHEET

STICK 2 THIXOTROPIC CONTACT ADHESIVE

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Revision No: 1

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

**Product name:** STICK 2 THIXOTROPIC CONTACT ADHESIVE

**Product code:** CONATHIX5

**Use / description of product:** Highly flammable or extremely flammable. Harmful. Dangerous for the environment.

**Company name:** EVERBUILD BUILDING PRODUCTS LTD

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredients:** TOLUENE 1-10%

CAS: 108-88-3

EINECS: 203-625-9

[F] R11; [Xn] R20

- LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM),  
HYDROTREATED LIGHT 1-10%

CAS: 64742-49-0

EINECS: 265-151-9

[F+] R12; [Xi] R38; [N] R51/53; [Xn] R65

- LOW BOILING POINT NAPHTHA - UNSPECIFIED - NAPHTHA (PETROLEUM),  
HYDRODESULPHURIZED LIGHT, DEAROMATIZE 1-10%

CAS: 92045-53-9

EINECS: 295-434-2

[F+] R12; [Xi] R38; [N] R51/53; [Xn] R65

- N-HEXANE 1-10%

CAS: 110-54-3

EINECS: 203-777-6

[F] R11; [Xi] R38; [Xn] R48/20; [N] R51/53; [Xn] R62; [Xn] R65; [-] R67

- LOW BOILING POINT HYDROGEN TREATED NAPHTHA - SOLVENT NAPHTHA  
(PETROLEUM), HYDROTREATED LIGHT NAPHTHA 10-30%

CAS: 92062-15-2

EINECS: 295-529-9

[F+] R12; [Xi] R38; [N] R51/53; [Xn] R65

[cont...]

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### STICK 2 THIXOTROPIC CONTACT ADHESIVE

- METHYL ETHYL KETONE 10-30%
- CAS: 78-93-3
- EINECS: 201-159-0
- [F] R11; [Xi] R36; [Xi] R66; [-] R67

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Highly flammable. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

### 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. Do not use water Jet

**Exposure hazards:** Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

**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. Eliminate all sources of ignition.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

**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. Smoking is forbidden. Use non-sparking tools.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition. 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:** TOLUENE

TWA (8 hr exposure limit): 191 mg/m<sup>3</sup> STEL (15 min exposure limit): 574 mg/m<sup>3</sup> (OES)

- N-HEXANE

TWA (8 hr exposure limit): 72 mg/m<sup>3</sup> (OES)

- METHYL ETHYL KETONE

TWA (8 hr exposure limit): 600 mg/m<sup>3</sup> STEL (15 min exposure limit): 899 mg/m<sup>3</sup> (OES)

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**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:** Beige

**Odour:** Aromatic

**Evaporation rate:** Fast

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Insoluble

**Also soluble in:** Most organic solvents.

**Viscosity:** Viscous

**Viscosity value:** 400000

**Viscosity test method:** mPa.s

**Boiling point/range°C:** 63

**Melting point/range°C:** N/D**Flammability limits %: lower:** 1.1 vol%**upper:** 11.5 vol%**Flash point°C:** -25**Part.coeff. n-octanol/water:** N/D**Autoflammability°C:** >200`C**Vapour pressure:** <250hPa @20`C**Relative density:** 0.85**pH:** N/A**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions. Stable at room temperature.**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.**Materials to avoid:** Strong oxidising agents. Strong acids.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****Ingredients:** TOLUENE

IVN RAT LD50 1960 mg/kg

ORL MUS LD50 2 gm/kg

ORL RAT LD50 6900 mg/kg

## • N-HEXANE

IPR RAT LDLO 9100 mg/kg

IVN MUS LDLO 831 mg/kg

ORL RAT LD50 25 gm/kg

## • METHYL ETHYL KETONE

IPR RAT LD50 607 mg/kg

ORL MUS LD50 4050 mg/kg

ORL RAT LD50 2737 mg/kg

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Mobility:** Readily absorbed into soil.**Persistence and degradability:** No data available.**Bioaccumulative potential:** No data available.**Other adverse effects:** Harmful to aquatic organisms.**13. DISPOSAL CONSIDERATIONS****Disposal operations:** Dispose of according to local or national legislation**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:** 1133 **ADR Class:** 3  
**Packing group:** III **Classification code:** F1  
**Shipping name:** ADHESIVES  
**Labelling:** 3 **Hazard ID no:** 33

**IMDG / IMO**

**UN no:** 1133 **Class:** 3  
**Packing group:** III **EmS:** 3-05  
**Marine pollutant:** No **Labelling:** 3

**IATA / ICAO**

**UN no:** 1133 **Class:** 3  
**Packing group:** III **Packing instructions:** 309(P&CA); 310(PAO)  
**Labelling:** 3

**15. REGULATORY INFORMATION**

**Hazard symbols:** Highly flammable.

Irritant.

Dangerous for the environment.



**Risk phrases:** R11: Highly flammable.

R36/38: Irritating to eyes and skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67: Vapours may cause drowsiness and dizziness.

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

S7/9: Keep container tightly closed and in a well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour.

S29: Do not empty into drains.

S46: If swallowed, seek medical advice immediately and show this container or label.

**Water hazard class:** 2

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**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:** R11: Highly flammable.  
R20: Harmful by inhalation.  
R12: Extremely flammable.  
R38: Irritating to skin.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65: Harmful: may cause lung damage if swallowed.  
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R62: Possible risk of impaired fertility.  
R67: Vapours may cause drowsiness and dizziness.  
R36: Irritating to eyes.  
R66: Repeated exposure may cause skin dryness or cracking.

**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.