

# SAFETY DATA SHEET

K11 ONE PART POLYURETHANE SEALANT

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Revision No: 2

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

**Product name:** K11 ONE PART POLYURETHANE SEALANT

**Product code:** k11 - all colours

**Use / description of product:** Harmful.

**Company name:** EVERBUILD BUILDING PRODUCTS LTD

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CROSS GREEN INDUSTRIAL ESTATE

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** DIPHENYLMETHANE-4,4'-DI-ISOCYANATE <1%

EINECS: 202-966-0 CAS: 101-68-8

[Xn] R20; [Xi] R36/37/38; [Sens.] R42/43

## 3. HAZARDS IDENTIFICATION

**Main hazards:** May cause sensitisation by inhalation and skin contact.

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat. There may be shortness of breath due to congestion of the lungs.

**Inhalation:** Drowsiness or mental confusion may occur. Headache, dizziness, nausea

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** 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. If conscious, ensure the casualty sits or lies down. If unconscious and breathing is OK, place in the recovery position. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

[cont...]

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Carbon dioxide. Alcohol resistant foam. Dry chemical powder.

**Exposure hazards:** In combustion emits toxic fumes of carbon monoxide. In combustion emits toxic fumes of hydrogen cyanide. In combustion emits toxic fumes of nitrogen oxides.

**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:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**7. HANDLING AND STORAGE**

**Handling requirements:** Smoking is forbidden. Ensure there is sufficient ventilation of the area. Do not handle in a confined space.

**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**

**Hazardous ingredients:** DIPHENYLMETHANE-4,4'-DI-ISOCYANATE  
WEL (8 hr exposure limit): 0.02 mg/m<sup>3</sup> WEL (15 min exposure limit): 0.07 mg/m<sup>3</sup>

**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:** Gloves (solvent-resistant).

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

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Paste

**Colour:** Various

**Odour:** Barely perceptible odour

**Evaporation rate:** Slow

**Solubility in water:** Insoluble

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

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K11 ONE PART POLYURETHANE SEALANT

**Viscosity:** Highly viscous  
**Viscosity value:** 70000CPS  
**Viscosity test method:** Brookfield (cps)  
**Flash point°C:** >200°C  
**Autoflammability°C:** >250  
**Relative density:** 1.35  
**VOC g/l:** NIL

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** Heat. Moist air.  
**Materials to avoid:** Strong oxidising agents. Strong acids. Alcohols. Amines.  
**Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

**Hazardous ingredients:** DIPHENYLMETHANE-4,4'-DI-ISOCYANATE  
ORL MUS LD50 2200 mg/kg  
ORL RAT LD50 9200 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:** 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:** -  
**Shipping name:** "NOT SUBJECT TO ADR"

**IMDG / IMO**

**UN no:** -

**IATA / ICAO**

**UN no:** -

**15. REGULATORY INFORMATION**

**Hazard symbols:** Harmful.



**Risk phrases:** R42/43: May cause sensitisation by inhalation and skin contact.

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

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

S23: Do not breathe vapour.

S24: Avoid contact with skin.

S37: Wear suitable gloves.

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. OTHER INFORMATION**

**Risk phrases used in s.2:** R20: Harmful by inhalation.

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

R42/43: May cause sensitisation by inhalation and skin contact.

**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.