



**SAFETY DATA SHEET**  
SILICONE PRIMER P1

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Issued: 26/3/09  
Revision No: 2

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

**Product name:** SILICONE PRIMER P1  
**Product code:** SILPRIMERP1  
**Company name:** EVERBUILD BUILDING PRODUCTS LTD  
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**2. HAZARDS IDENTIFICATION**

**Main hazards:** Highly flammable. Irritating to eyes and skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous ingredients:** TOLUENE 50-70%  
EINECS: 203-625-9 CAS: 108-88-3  
[F] R11; [Xi] R38; [Xn] R48/20; [Xn] R63; [Xn] R65; [-] R67

- BUTAN-1-OL 1-10%  
EINECS: 200-751-6 CAS: 71-36-3  
[-] R10; [Xn] R22; [Xi] R37/38; [Xi] R41; [-] R67
- METHYL TRIMETHOXYSILANE 1-10%  
CAS: 1185-55-3  
[F] R11; [Xi] R36/38

**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 soreness and redness of the mouth and throat. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

[cont...]

**4. 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. Consult a doctor.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Do not induce vomiting. Consult a doctor. Give 1 cup of water to drink every 10 minutes.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

**5. FIRE-FIGHTING MEASURES**

- Extinguishing media:** Carbon dioxide. Alcohol resistant foam. Dry chemical powder.
- Exposure hazards:** Highly flammable.
- Protection of fire-fighters:** Wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions:** Eliminate all sources of ignition. Mechanically ventilate the spillage area whilst avoiding the formation of explosive concentrations - see section 9 of SDS.
- Environmental precautions:** For Large spills Contain the spillage using bunding. Do not discharge into drains or rivers.
- Clean-up procedures:** 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:** Ensure there is exhaust ventilation of the area. Avoid the formation or spread of mists in the air. Use non-sparking tools. Earth any equipment used in handling. Blanket apparatus with inert gas.
- Storage conditions:** Keep container tightly closed. Keep away from sources of ignition. Ensure a retention tank is installed.
- Suitable packaging:** Must only be kept in original packaging.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Hazardous ingredients:** TOLUENE  
WEL (8 hr TWA): 191 mg/m<sup>3</sup> WEL (15 min STEL): 574 mg/m<sup>3</sup>
- BUTAN-1-OL  
WEL (15 min STEL): 154 mg/m<sup>3</sup>
- Engineering measures:** Ensure there is exhaust ventilation of the area.
- Hand protection:** Protective gloves.
- Eye protection:** Safety goggles.
- Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- State:** Liquid
- Colour:** Colourless

**Odour:** Aromatic

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

**Solubility in water:** Slightly soluble

**Also soluble in:** Miscible in all proportions with: acetone, diethylether, aromatic hydrocarbons and chlorinated solvents

**Boiling point/range°C:** 111

**Flammability limits %: lower:** 1.2

**upper:** 7

**Flash point°C:** 8

**Autoflammability°C:** 420 approx

**Vapour pressure:** 29hPa to 20°C

**Relative density:** 0.95g/cm<sup>3</sup> @ 25°C

## 10. STABILITY AND REACTIVITY

**Stability:** Dries rapidly at room temperature on contact with air (following solvent evaporation)

**Conditions to avoid:** Heat. Sources of ignition.

**Materials to avoid:** Strong oxidising agents. Water. Strong bases.

**Haz. decomp. products:** In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

**Hazardous ingredients:** TOLUENE

IVN RAT LD50 1960 mg/kg

ORL MUS LD50 2 gm/kg

ORL RAT LD50 6900 mg/kg

- BUTAN-1-OL

IVN RAT LD50 310 mg/kg

ORL MUS LD50 2680 mg/kg

ORL RAT LD50 790 mg/kg

**Chronic toxicity:** Possible risk of harm to unborn child.

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

## 12. ECOLOGICAL INFORMATION

**Mobility:** Volatile.

**Persistence and degradability:** Not biodegradable.

**Bioaccumulative potential:** No bioaccumulation potential.

## 13. DISPOSAL CONSIDERATIONS

**Disposal operations:** D10 Incineration on land.

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** 1993 **ADR Class:** 3  
**Packing group:** II **Classification code:** F1  
**Shipping name:** FLAMMABLE LIQUID, N.O.S.  
**Labelling:** 3 **Hazard ID no:** 33

**IMDG / IMO**

**UN no:** 1993 **Class:** 3  
**Packing group:** II **EmS:** F-E,S-E\*  
**Marine pollutant:** .  
**Labelling:** 3

**IATA / ICAO**

**UN no:** 1993 **Class:** 3  
**Packing group:** II  
**Packing instructions:** 305(P&CA); 307(CAO)  
**Labelling:** 3

**15. REGULATORY INFORMATION**

**Hazard symbols:** Highly flammable.  
Harmful.



**Risk phrases:** R11: Highly flammable.  
R36/38: Irritating to eyes and skin.  
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R63: Possible risk of harm to the unborn child.  
R65: Harmful: may cause lung damage if swallowed.  
R67: Vapours may cause drowsiness and dizziness.

**Safety phrases:** S2: Keep out of the reach of children.  
S25: Avoid contact with eyes.

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

S36/37: Wear suitable protective clothing and gloves.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S29: Do not empty into drains.

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

S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

**Haz. ingredients (label):** TOLUENE

**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:** R11: Highly flammable.  
R38: Irritating to skin.  
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R63: Possible risk of harm to the unborn child.  
R65: Harmful: may cause lung damage if swallowed.  
R67: Vapours may cause drowsiness and dizziness.  
R10: Flammable.  
R22: Harmful if swallowed.  
R37/38: Irritating to respiratory system and skin.  
R41: Risk of serious damage to eyes.  
R36/38: Irritating to eyes and skin.

**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.