



## SAFETY DATA SHEET

450 BUILDERS SILICONE

Page 1

Issued: 15/08/2008

Revision No: 2

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

**Product name:** 450 BUILDERS SILICONE  
**Product code:** 450WE/TR/BN/BK/BZ/GY  
**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 to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** TETRAETHYL SILICATE 1-10%  
EINECS: 201-083-8 CAS: 78-10-4  
[-] R10; [Xn] R20; [Xi] R36/37

- 3-AMINO PROPYL (METHYL) SILSESQUIOXANES, ETHOXY TERMINATED 1-10%  
CAS: 128446-60-6  
[-] R10; [Xi] R36/38
- MORPHOLINOMETHYLTRIETHOXY SILANE 30-50%  
CAS: 21743-27-1  
[-] R52/53

**Contains:** Mixture of polydimethylsiloxanes, fillers and cross linkers

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

### 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.

[cont...]

**Ingestion:** Wash out mouth with water.

**Inhalation:** 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:** Wash the spillage site with large amounts of water.

## 7. HANDLING AND STORAGE

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

**Storage conditions:** Store in cool, well ventilated area. Avoid contact with water or humidity. 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

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

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Paste

**Colour:** Various

**Odour:** Barely perceptible odour

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

**Solubility in water:** Insoluble

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

**Viscosity:** Highly viscous

**Viscosity value:** >7mm<sup>2</sup>/s

**Viscosity test method:** Kinematic viscosity in 10<sup>-6</sup> m<sup>2</sup>/s at 40°C (ISO 3104/3105)

**Boiling point/range°C:** 200

**Flash point°C:** >100

**Autoflammability°C:** N/D

**Relative density:** 1.02

**pH:** N/A

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

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

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

**Haz. decomp. products:** In combustion emits toxic fumes. In combustion emits toxic fumes of carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

**Hazardous ingredients:** TETRAETHYL SILICATE  
IPR MUS LDLO 830 mg/kg  
ORL RAT LD50 6270 mg/kg

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

## 12. ECOLOGICAL INFORMATION

**Mobility:** Non-volatile. Insoluble in water.

**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:** Not Classified.

### IMDG / IMO

**UN no:** Not Classified.

### IATA / ICAO

**UN no:** Not Classified.

## 15. REGULATORY INFORMATION

**Hazard symbols:** Symbol not required.

**Risk phrases:** R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:** S29: Do not empty into drains.

## SAFETY DATA SHEET

450 BUILDERS SILICONE

MORPHOLINOMETHYLTRIETHOXYSILANE

**Water hazard class:** 1

**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:** R10: Flammable.

R20: Harmful by inhalation.

R36/37: Irritating to eyes and respiratory system.

R36/38: Irritating to eyes and skin.

R52/53: Harmful 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.