

## EVERFLEX SILICONE 200

### DESCRIPTION

SILICONE 200 CONTRACTORS is a cost effective Acetoxy cure sealant that adheres to most smooth and non-porous materials. This product contains an anti-fungal compound to prevent mould growth in areas of high humidity. SILICONE 200 is mid to low modulus in nature. Conforms to BS5889\*

### BENEFITS

- Permanently flexible.
- Anti-fungal formula - prevents mold growth.
- Quick curing - low dirt pick up.
- Low viscosity for fast application

### AREAS FOR USE

- \* Sealing glass to glass.
- \* Sealing glass to aluminium and metal sealing.
- \* Sealing around baths, showers, basins and other sanitary ware.
- \* As an adhesive for fixing PVCu trims, cladding and panels.
- \* Sealing around worktops and laminates.
- \* Cap glazing to metal, timber and PVCu window frames, and pointing around window and door frames.
- \* For aluminium gutter sealing.
- \* General draughtproofing.

### LIMITATIONS

- Not for use in aquarium manufacture. Use EVERFLEX AQUAMATE
- Not for use in conjunction with bitumen, or asphalt. Use ALL SEASONS SEALANT.
- Not for use on highly porous surfaces such as new concrete or stonework. Priming is advised or use SILICONE 450.
- Not for use on substrates that may bleed oils, solvent or plasticisers.
- Do not use in the vicinity of, or in conjunction with the edge sealant of double glazed units. Use SILICONE 450.
- When applying to uPVC, priming is recommended. Always carry out an adhesion test before using on uPVC.
- Do not use on soft metals such as lead and brass. Use LEADMATE SILICONE.

- Non overpaintable. In applications where overpainting is required, use ALL SEASONS SEALANT

### **SURFACE PREPARATION**

All surfaces must be clean, dry and dust free. All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application. Glass, metal and aluminium should be cleaned with a proprietary solvent cleaner prior to application for optimum adhesion. Porous surfaces may require priming - a small area should be tested first.

### **APPLICATION**

Reference should be made to the recommended joint ratios. If necessary reduce joint depth using EXPANDING FILL AND FIX FOAM, or Joint backer rod. Furthermore, ensure that the joint design only permits adhesion to two surfaces, as three sided adhesion will impair flexibility.

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut cleanly at an angle of 45° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surface being sealed.

Smooth down within 10 minutes of application. To ensure a proper bond, always smooth the sealant down using a spatula or piece of wood wetted with a soap and water solution. An improved appearance can be achieved by placing masking tape to both sides of the joint and removing within 5 minutes of application.

**SPECIFIC DATA**

Movement accommodation:	+ or -25%
Skinning time:	5 mins @ 20°C
Cure time:	2mm per 24 hours
Hardness Shore A:	15-25
Service temperature resistance:	-30°C to + 150°C
Application temperature resistance:	+5°C to + 40°C
Tensile Strength	1.5 MPa
Stress	0.3MPa at 100% elongation
Specific gravity:	1.00
Cleaning:	Uncured sealant white spirit; Cured sealant: EVERFLEX SILICONE EATER
Minimum joint width:	4mm
Maximum joint width:	25mm
Joint ratio:	Maximum depth 50% of joint width
Coverage:	@ 10 linear metres 9 x 9mm fillet joint
Elongation at break:	400%

#### **HEALTH AND SAFETY**

Irritating to skin and eyes. If contact occurs wash thoroughly with water. Acetic acid is evolved during cure. Keep out of reach of children.

#### **STORAGE**

Store in cool dry conditions between + 5°C and 25°C.

#### **SHELF LIFE**

Use within 18 months.

**SAFETY DATA SHEET**  
200 CONTRACTORS SILICONE

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

**Product name:** 200 CONTRACTORS SILICONE

**Product code:** 200 - ALL COLOURS

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

**Company name:** Everbuild Building Products Ltd

Site 41, Knowsthorpe Way

Cross Green Industrial Estate

Leeds

West Yorkshire

LS9 OSW

England

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous ingredients:** METHYL TRIACETOXY SILANE 1-10%

EINECS: 224-221-9 CAS: 4253-34-3

[-] R14; [C] R34

- DISTILLATES, PETROLEUM, HYDROTREATED, LIGHT 10-30%

CAS: 64742-47-8

[Xn] R65

**3. HAZARDS IDENTIFICATION**

**Main hazards:** Irritating to eyes and skin.

**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:** There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

**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.

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

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. 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.

[cont...]

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. 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:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**7. HANDLING AND STORAGE**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid direct contact with the substance.

**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**

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

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

**Hand protection:** Protective gloves.

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

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Paste

**Colour:** Various

**Odour:** Irritating odour which may affect the eyes and respiratory system

**Evaporation rate:** Moderate

**Solubility in water:** Insoluble

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

**Viscosity:** Highly viscous

**Boiling point/range°C:** N/D

**Flash point°C:** >70

**Relative density:** 0.96

**pH:** N/A

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

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

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

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

**11. TOXICOLOGICAL INFORMATION**

**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:** Irritant.



**Risk phrases:** R36/38: Irritating to eyes and skin.

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

S7: Keep container tightly closed.

S23: Do not breathe vapour.

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

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

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

**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.

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**16. OTHER INFORMATION**

**Risk phrases used in s.2:** R14: Reacts violently with water.

R34: Causes burns.

R65: Harmful: may cause lung damage if swallowed.

**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.