



MATERIAL SAFETY DATA SHEET

E30 Acetoxy Building Silicone Sealant, 310ml

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Issue Date 19/10/06
Version 1.3
Revision Date 20/10/06

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

Product / Trade Name : E30 Acetoxy Building Silicone Sealant, 310ml.

Product / Stock Code : 36WSE30CL (Clear), 36WSE30WH (White), 36WSE30MH (Mahogany),
36WSE30BZ (Bronze), 36WSE30BK (Black).

Company Name : IFI Limited
Rutland Business Park
Newark Road
Peterborough
PE1 5WA
United Kingdom

Telephone : +44 (0)1733 847 520
Fax : +44 (0)1733 343 465

Use Of Substance / Preparation : Silicone Elastomer

2. COMPOSITION / INFORMATION ON INGREDIENTS:

Chemical Nature : Mixture of Polydimethylsiloxanes, Amorphous Silica and Cross-linkers.

Hazardous Components : DISTILLATES, PETROLEUM, HYDROTREATED MIDDLE
CAS No.64742-46-7
EINECS No.265-148-2
Xn
R65
Concentration <30.00%

SILANETRIOL, ETHYL-TRIACETATE
CAS No.176689-77-9
EINECS No.241-677-4
Xn, C
R14, R22, R34
Concentration <2.00%

SILANETRIOL, METHYL-TRIACETATE
CAS No.4253-34-3
EINECS No.224-221-9
Xn, C
R14, R22, R34
Concentration <2.00%

3. HAZARDS IDENTIFICATION:

Main Hazards : Slightly irritating to eyes, respiratory system and skin.
After drying, product may stick to skin.

Other Hazards : Combustible.
On contact with humidity, irritating vapours are released.
During use, acetic acid is released.

Further Information : According to EC criteria, this product is not classified as a hazardous preparation.



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4. FIRST AID MEASURES:

Inhalation	: Not specifically applicable
Skin Contact	: After contact with skin, remove product mechanically. Wash off with soap and water.
Eye Contact	: Immediately flush eye(s) with plenty of water for at least 15 minutes. If eye irritation persists, consult a Specialist.
Ingestion	: Rinse mouth with water. Do not induce vomiting. Consult a Physician if necessary.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media	: All standard extinguishing agents are suitable.
Firefighting Protection	: Cool down containers exposed to heat with a water spray. Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions	: Ensure adequate ventilation. Do not breathe vapours. Avoid contact with skin and eyes. Use personal protective equipment.
Environmental Precautions	: Product does not present any particular risk to the environment.
Methods For Cleaning Up	Use mechanical handling equipment. Scrape up or shovel into suitable container for disposal. Absorb residue with suitable inert absorbent material. Decontaminate and wash floor with an appropriate solvent, then wash with plenty of water.

7. HANDLING AND STORAGE:

Advice On Safe Handling	: Work outside or in well ventilated area. Wear personal protective equipment.
Requirements For Storage	: Keep containers tightly closed in a dry, cool and well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Hand Protection Advice	: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanical injuries.
Eye Protection	: Safety glasses with side-shields.
Hygiene Measures	: Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practise. Wash hands before breaks and immediately after handling the product. When handling, do not eat, drink or smoke.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION (continued):

Protective Measures	:	Wear suitable gloves and eye/face protection. In the event of insufficient ventilation, using a respiratory protective device with a gas filter is recommended.
Occupational Exposure limits	:	
Limits UK	:	Acetic Acid; WEL: 10 ppm (25mg/m ³) (8h TWA) WEL: 15 ppm (37mg/m ³) (15mins STEL)

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance;		
Form	:	Thixotropic paste
Colour	:	Translucent or pigmented white, mahogany, bronze or black.
Odour	:	Perceptible odour (like vinegar).
Safety data;		
Flash Point	:	>150°C
Auto Ignition Temp.	:	410°C - 580°C
Flammability Limit	:	1.8%
Specific Gravity	:	Approx 970 kg/m ³ at 25°C
Solubility	:	In Water: Practically insoluble. In Organic Solvent: Insoluble in Acetone and alcohol (ethanol) Dispersible (Partial solubilisation) in Petrol, White Spirit, Aromatic Hydrocarbons (Toluene, Xylene) and Chlorinated Solvents.

10. STABILITY AND REACTIVITY:

Stability	:	Stable at room temperatures provided it is not contact with air. Vulcanises at room temperature on contact with moisture in the air.
Conditions To Avoid	:	No dangerous reactions known under normal conditions of use.
Hazardous Decomposing Products	:	During vulcanisation, acetic acid is released (quantity potentially released <3% off product weight). On combustion, forms carbon oxides and amorphous silica.



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11. TOXICOLOGICAL INFORMATION:

Acute Toxicity : Not classified as harmful by inhalation, by contact with skin or if swallowed.
Local Effects : May be irritating to the respiratory system (at high vapour concentrations)/
Routes of Exposure : Refer to section 4 of this MSDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION:

Mobility : Ultimate destination of the product: Soil and sediment.
Ultimate Aerobic Biodegradability : Not biodegradable.
Bioaccumulation : Petroleum distillate: Potentially bioaccumulable.
Polydimethylsiloxane: Not bioaccumulable.
Ecotoxicity : Not considered to be harmful to aquatic organisms.
Not classified as dangerous for the environment, according to EC criteria.

13. DISPOSAL CONSIDERATIONS:

Product : According to local regulations, can be taken to an appropriate licensed waste collection point incinerator equipped with exhaust gas cleaning.
Contaminated Packaging : Dispose of as unused product.

14. TRANSPORT INFORMATION:

Further Information : This product is not regarded as dangerous goods according to the National and International regulations on the transport of dangerous goods and is not restricted for transport according to RID/ADR, IMO/IMDG, ICAO-IATO.
Protect against water.
Keep away from foodstuff, acids and bases. Keep away from odour sensitive materials.

15. REGULATORY INFORMATION:

Labelling According To Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 - CHIP3.1; : Not applicable.
Further Information : Not a hazardous substance or preparation according to EC directives 67/548/EEC or 1999/45/EC.
The product does not need to be labelled in accordance with EC directives or respective National laws.
No R or S phases applicable.



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16. OTHER INFORMATION:

R-phases, which are listed in section 2

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| : R10 | - Flammable. |
| R14 | - Reacts violently with water. |
| R22 | - Harmful if swallowed. |
| R34 | - Causes burns. |
| R35 | - Causes severe burns. |
| R45 | - May cause cancer. |
| R65 | - Harmful; may cause lung damage if swallowed. |

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the content of the Material Safety Data Sheet.