



## SAFETY DATA SHEET

HT FLEXSEAL 300 - FORTAFIX HIGH TEMPERATURE RTV SILICONE ADHESIVE/SEALANT

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

**Product name:** HT FLEXSEAL 300 - FORTAFIX HIGH TEMPERATURE RTV SILICONE  
ADHESIVE/SEALANT

**Use of substance / preparation:** White or black smooth paste supplied in a cartridge, to be used as RTV sealant providing high temperature-resistant, flexible bonding.

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### 2. HAZARDS IDENTIFICATION

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

**Other hazards:** Liberates a small amount of acetic acid on curing which is irritating to eyes, skin and respiratory system.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** RAW MATERIAL - DI-ACETOXY-DI-TERT-BUTOXYSILANE 1-10%  
CAS: 13170-23-5  
[-] R14; [C] R34
- RAW MATERIAL - METHYL TRI-ACETOXY SILANE 1-10%  
CAS: 4253-34-3  
[-] R14; [C] R34

### 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. The eyes may water profusely.

**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.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Remove product completely from skin with a dry cloth or paper towel, then wash thoroughly with soap and water. Obtain medical attention if symptoms develop.

**Eye contact:** Bathe the eye with running water for 15 minutes. Seek medical attention immediately.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. Get Medical Attention Immediately.

[cont...]

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Keep warm and at rest. Seek medical attention if irritation persists.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Dry chemical powder. Carbon dioxide. Water spray.

**Exposure hazards:** Irritating gases/vapours/fumes containing acetic acid and silica dust from hydrolysis and combustion.

**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. Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

**Environmental precautions:** Non-hazardous to the environment.

**Clean-up procedures:** Mix with sand or vermiculite. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Refer to section 13 of SDS for suitable method of disposal. Small spills may be allowed to cure then scraped up and disposed of similarly.

## 7. HANDLING AND STORAGE

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

**Storage conditions:** Store in cool, well ventilated area.

**Suitable packaging:** Must only be kept in original packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure good work practices. Wash splashes immediately. DO NOT eat, drink or smoke in the workplace.

**Respiratory protection:** Acetic acid is produced during application and curing. Mechanical ventilation should maintain the workplace below the TLV of 10ppm for acetic acid, otherwise respiratory protection should be used.

**Hand protection:** Impermeable gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Paste

**Colour:** Black or white

**Odour:** Acetic acid

**Evaporation rate:** Negligible

**Solubility in water:** Insoluble

**Also soluble in:** White spirit

**Viscosity:** Thixotropic

**Flash point°C:** >150

**Relative density:** 1.06

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Air.

**Materials to avoid:** Water.

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Contact with water or air allows the product to cure, liberating acetic acid.

## 11. TOXICOLOGICAL INFORMATION

**Chronic toxicity:** No relevant studies identified.

**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:** An ecotoxicity study of this product has not been conducted. However, this product contains no substances considered dangerous to the environment.

## 13. DISPOSAL CONSIDERATIONS

**Disposal operations:** D1 Tipping above or underground (e.g. landfill, etc.).

**Disposal of packaging:** Dispose of as normal industrial waste.

**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:** Irritant.



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

**Safety phrases:** S3/7: Keep container tightly closed in a cool place.

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

S28: After contact with skin, wash immediately with plenty of warm soapy water.

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

S51: Use only in well-ventilated areas.

**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

**Other information:** Shelf life - 12 months

This product is ROHS compliant.

**Risk phrases used in s.3:** R14: Reacts violently with water.

R34: Causes burns.

**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.