



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

PRODUCT NAME: **FIRESTOP SEALANT 3000**

USE: One component silicon based glue for FireSeal systems.

SUPPLIER: ESSVE PRODUKTER AB, Box 770, 191 27 Sollentuna, Sweden.  
Internet: [www.fireseal.se](http://www.fireseal.se)

CONTACT: Dick Johansson, tel. +46 (0)8 623 61 00

EMERGENCY PHONE: If acute emergency dial: tel. 112  
More information: Swedish Poisons Information Centre tel.+46 (0)8 33 12 31

## 2. COMPOSITION/ INFORMATION ON INGREDIENTS/CLASSIFICATION OF SUBSTANCES

Substance	EG No	CAS No.	Percentage %	Classification; Risk-phrases*
Methyltrimethoxysilane	214-685-0	1185-55-3	< 2,5	*** F; R11 Xn; R22
N-(3-(Trimethoxysilyl)propyl)etendiamine	217-164-6	1760-24-3	<0,3	** Xi; R38, R41, R43, N; R52/53

The product also contains siloxanes, fillers and pigment.

\* *Classification and Risk-phrases in compliance with Commission Directive 67/548/EEC, 2001/59/EC and 1999/45/EC, 2001/60/EC.*

\*\* *Own classification*

\*\*\* *Producers classification*

Declared R-phrases are explained under chapter 16.

## 3. HAZARDS IDENTIFICATION

Health: *The product is not classified as harmful.*  
Some skin irritation may arise after prolonged contact. Contact with the eyes may cause mild irritation. Cures in the presence of water or moisture when small amounts of methanol are released.

Environmental: *The product is not classified as hazardous to the environment.*

Fire: Non flammable.

Physical/chemical: May react with strong oxidizers.

## 4. FIRST- AID MEASURES

Inhalation: Fresh air.

Skin contact: Take off contaminated clothes. Wash the skin with soap and water.

Eye contact: Rinse the eyes with plenty of water for several minutes. Use preferably tempered water. Keep the eyelids open and remove possible contacts. Seek medical advice if pain remains.

Ingestion: Drink plenty of water. Seek medical advice if a larger amount has been swallowed.

Information to medical adviser: -

Updated Safety Data Sheet is available at Swedish Poisons Information Centre tel.+46 (0)8 33 12 31

**5. FIRE- FIGHTING MEASURES**

Suitable extinguishing agents are – powder, foam, carbon dioxide or water spray. Container near fire should be removed or cooled with water.

**6. ACCIDENTAL RELEASE MEASURES**

Avoid discharge to drain. Material is gathered mechanically and can be treated as conventional waste. Spilled product causes an extremely slippery surface.

**7. HANDLING AND STORAGE**

Avoid direct contact and inhalation of the product. Store in well closed packaging.

**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

Ensure adequate ventilation. Possibility to flush eyes ought to be available.

Technical protection: Mechanical ventilation might be needed when handling larger amounts, when used in small spaces or at insufficient ventilation.

Personal protection: Protective glasses and gloves may be used when there is a risk for direct contact. If larger amounts are used in insufficient ventilated areas respiratory protection equipment (gas mask with gas filter A, brown) may be used.

Recommended glove material: Silver shield, 4H

Exposure limits according to the Swedish Work Environment Authority (*AFS 2005:17*)

Methanol: 250 mg/m<sup>3</sup> (NGV) (small amounts are released when cured)

Formaldehyde: 0,6 mg/m<sup>3</sup> (NGV) (only when heated above 150°C)

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Paste in different colours (grey, black and white).

Density: 1,45

**10. STABILITY AND REACTIVITY**

Stable under normal conditions. Could react with strong oxidizing substances. When cured small amounts of methanol is released. When heated above 150°C small amounts of formaldehyde could be released.

**11. TOXICOLOGICAL INFORMATION**

Inhalation: When cured small amounts of methanol is released which could be hazardous to inhale. This might be a risk when handling large amounts or at release of large amounts together with inadequate ventilation. Inhalation of small amounts of methanol could cause headache, dizziness and nausea.

Skin contact: Could cause mild irritation after prolonged or repeated skin contact.

Eye contact: Could cause smart and temporary irritation in contact with the eyes.

Ingestion: A small amount of methanol may be released from the product at ingestion This could possibly cause nausea, headache and other symptoms which may appear several hours after ingestion.

Toxicological data: Metyltrimethoxisilane: LD<sub>50</sub> oral rat: 12 500 mg/kg

**12. ECOLOGICAL INFORMATION**

The product is not expected to cause any negative effects on the environment.

Aquatic toxicity: N-(3-(Trimethoxisilyl)propyl)etendiamin: LC<sub>50</sub> Fish 96h: 597mg/l (spec: Brachydanio rerio)

Mobility and Metyltrimetoxisilan: Log P<sub>ow</sub> -0,67

bioaccumulation: N-(3-(Trimetoxisilyl)propyl)etendiamin: Log P<sub>ow</sub> -1,67

**13. DISPOSAL CONSIDERATIONS**

Treat as conventional waste, EWC-code 08 04 10, in accordance to local regulations (Avfallsförordningen, SFS 2001:1063).

**14. TRANSPORT INFORMATION**

Not a hazardous product regarding transport legislation.

**15. REGULATORY INFORMATION**

Symbols

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Risk and Safety phrases

The product is not classified as harmful according to Swedish regulations KIFS 2005:7.

Other labelling:

Contains N-(3-(Trimetoxisilyl)propyl)etendiamin. May produce an allergic reaction.

Safety data sheet available for professional user on request.

Other regulations:

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**16. OTHER INFORMATION**

References:

Lewis, R.J. (1992) Sax's Dangerous Properties of Industrial Materials, 8th ed., Van Nostrand Reinhold, New York.

Kemiska Ämnen on line, Prevent..

Arbetskyddsstyrelsens Författningssamling, AFS 2005:17, Hygieniska gränsvärden och åtgärder mot luftföroreningar.

Information from the supplier.

Declared R-phrases under chapter 2.

R 11	Highly flammable	R 41	Risk of serious damage to eyes
R 22	Harmful if swallowed	R 43	May cause sensitization by skin contact
R 38	Irritating to skin	R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

This safety data sheet is revised according to following items:

- The safety data sheet has been revised according to new legislation (Swedish) KIFS 2005:7.
- The safety data sheet is dated 2007-04-25 and replaces version dated 2001-07-06.