



# SAFETY DATA SHEET

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

PRODUCT NAME: **SILICONE FOAM D-03, COMPONENT B**

USE: Two-component silicon foam for fireseal systems. Apply to surface as a liquid, expands after a few minutes to approximately 3 times its fluid volume. Useful for advanced applications.

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*
Quartz, crystalline silica	238-878-4	14808-60-7	16	***Xn; R48/20 R68/20 <sup>1)</sup>

The product is a sealer mainly based on siloxanes and quartz.

\* *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.

1) Silica may cause serious health hazards at prolonged exposure by inhalation. The product is a liquid why the risk for inhalation of respirable silica dust is considered as very low and the classification is not relevant.

## 3. HAZARDS IDENTIFICATION

Health: *The product is not classified as harmful.*  
Mild skin irritation may arise after prolonged contact. Splash in the eyes may cause mild, temporary irritation.

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

Fire: Non flammable.

Physical/chemical: Small amounts of hydrogen may be released in contact with water, alcohols, acid or alkaline substances and some metals. Hydrogen may form explosive mixture with air.

## 4. FIRST- AID MEASURES

Inhalation: Fresh air.

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

Eye contact: Rinse the eyes with water. Keep the eyelids open and remove possible contacts. Seek medical advice if pain remains.

Ingestion: Drink a few glasses of milk or 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. When heated over 150°C small amounts of formaldehyde may be released.

**6. ACCIDENTAL RELEASE MEASURES**

Prevent discharge to drain. Absorb waste with a liquid binding material such as sand, soil or similar. Collect and treat as conventional waste.

**7. HANDLING AND STORAGE**

Avoid inhalation and direct contact with the product. Store, well closed, in a dry and well-ventilated area.

**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

Ensure adequate ventilation.

Technical protection: -

Personal protection: If the product is used in such a way that an aerosol or mist could be formed (for example spraying) a respiratory protective equipment (gas mask with gas filter A (brown) and particle filter P3 should be used. When there is a risk for direct contact or splash protective gloves and goggles should be used.

Recommended glove material: -

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

Quartz, respirable dust: 0,1 mg/m<sup>3</sup> (NGV)

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: White viscous liquid.

Density: 1,08 g/cm<sup>3</sup>

Flash point: 100°C

Boiling point: 150°C

Viscosity: 6250 cSt at 25°C

**10. STABILITY AND REACTIVITY**

Stable under normal conditions. Small amounts of hydrogen may be released in contact with water, alcohols, acid or alkaline substances and some metals. When heated over 150°C the product may release small amounts of formaldehyde.

**11. TOXICOLOGICAL INFORMATION**

Inhalation: At dusty handling, for example grinding or dismantlement of solidified product, small amounts of crystalline silica may be released. This may be dangerous to inhale and may cause serious lung diseases (silicosis) after prolonged or often repeated exposure.

Skin contact: May cause mild irritation after prolonged or repeated contact.

Eye contact: Splash in the eyes may cause slight mechanical irritation.

Ingestion: -

Further toxicological remarks: There are studies indicating that inhalation of crystalline silica may cause lung cancer to humans.

**12. ECOLOGICAL INFORMATION**

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

**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

-

Contains:

-

Risk and Safety phrases

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

Other labelling:

Safety data sheet available for professional user on request.

Other regulations:

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**16. OTHER INFORMATION**

References:

Kemikalieinspektionens föreskrifter (KIFS 2005:5) med EG-harmoniserad bindande klassificering och märkning (Klassificeringslistan).

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

Databaserna: Toxline, HSDB, IARC.

Kemiska Ämnen on line, Prevent.

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

Information from the supplier.

This material safety data sheet was prepared in compliance with KIFS 2005:7, (Commission Directive 67/548/EEG, 2001/59/EG and 1999/45/EG, 2001/60/EG).

Declared R-phrases under chapter 2.

R 48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation	R 68/20	Harmful: possible risk of irreversible effects through inhalation
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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 2007-11-20 and replaces version dated 2003-08-19.