SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

PRODUCT NAME:	**SYLGARD D-1,4 FC, KOMP B**
USE:	Two-component silicon elastomer for shaping a smooth, durable surface, also able to decontaminate, used together in a fireseal system.
SUPPLIER:	ESSVE PRODUKTER AB, Box 770, 191 27 Sollentuna, Sweden. Internet: 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[1)]

The product also contains siloxanes.

* *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*
1) Quartz may cause serious health effects at prolonged exposure through inhalation. The product is a liquid and the risk of inhaling respirable quartz dust is considered as non-existing why the classification is not relevant.

Declared R-phrases are explained under chapter 16.

3. HAZARDS IDENTIFICATION

Health:	*The product is not classified as harmful.* Skin irritation may arise after prolonged contact. Eye contact may cause smarting pain and mild irritation.
Environmental:	*The product is not classified as hazardous to the environment.*
Fire:	Non flammable. Small amounts of hydrogen may be liberated at storage and in contact with different substances (see heading 10). Hydrogen may form an explosive mixture with air. At fire poisonous and corrosive gases (formaldehyde) may develop.
Physical/ chemical:	-

4. FIRST- AID MEASURES

Inhalation:	Fresh air.
Skin contact:	Take off contaminated clothes. Wash the skin with soap and water.
Eye contact:	Rinse immediately the eyes with plenty of water for some minutes. 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:	-

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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. Use breathing apparatus towards poisonous and corrosive gases (formaldehyde). When heated to more than 150°C small amounts of formaldehyde may be released.

6. ACCIDENTAL RELEASE MEASURES

Avoid discharge to drain. Absorb waste with a liquid binding material such as sand, soil or similar and treat as conventional waste. Spilt product could cause an extremely slippery surface.

7. HANDLING AND STORAGE

The product will slowly develop hydrogen during storage. Store in a well-ventilated area, apart from oxidising agents.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Ensure adequate ventilation.

Technical protection:	-
Personal protection:	At prolonged handling protection gloves may be needed. When there is a risk for splash in the eyes protection goggles may be needed. If the product is used under conditions when an aerosol or mist could be formed, an appropriate respiratory protection equipment (gas mask with particle filter P3) 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^3 (NGV)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous beige liquid with weak odour.
Density:	1,33 g/cm^3
Flash point:	>101,1 °C (Tag closed cup)
Boiling point:	> 170 °C
Viscosity:	50 000 cSt (25°C)

10. STABILITY AND REACTIVITY

Stable under normal conditions. At temperatures over 150 °C the product may emit small amounts of formaldehyde. Smaller amounts of hydrogen may be released in contact with water, alcohols, acidic or alkaline substances and many metals. Hydrogen is flammable and may form an explosive mixture with air.

11. TOXICOLOGICAL INFORMATION

Inhalation:	At dusty handling, for example grinding or dismantling small amounts of cristalline silica may be liberated. Inhalation may be dangerous. May cause serious lung damage like silicosis after prolonged or often repeated exposure.
Skin contact:	May cause mild irritation after prolonged or repeated contact.
Eye contact:	Eye contact may cause smarting pain and mild irritation.
Ingestion:	Ingestion of big amounts may cause sickness and vomiting.

Further toxicological remarks:	There are studies indicating that inhalation of crystalline silica may cause lung cancer for humans.
Toxicological data:	-

12. ECOLOGICAL INFORMATION

The product is not classified as hazardous 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

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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:

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

Kemiska Ämnen on line, Prevent.

Arbetarskyddsstyrelsens 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

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 2007-09-24 and replaces version dated 2001-07-06.