



# Safety data sheet

According to 1907/2006/EC

Date of last issue: 2010-01-15

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## 1. NAME OF THE PRODUCT AND COMPANY INFORMATION

**TRADE NAME:** FP-SMOKE,  
**USE:** POWDER SMOKE FOR AIRFLOW STUDIES, LEAKAGE TESTS.  
**MANUFACTURER:** BJÖRNAX AB  
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**ISSUED BY:** TORBJÖRN FREDRIKZON

## 2. HAZARDS INFORMATION

**EC CLASSIFICATION:** This product is not classified as dangerous according to Directive 1999/45/EC.  
**MOST IMPORTANT HAZARDS:** Nuisance dust. May dry skin and mucous membranes.

## 3. COMPOSITION INFORMATION

Components	EINECS Number	CAS Number	%W/W	EC Classification
Dimethyl silicone reaction product with silica	Exempt. Polymer.	67762-90-7	50-100	Not classified as a dangerous substance
Calcium Carbonate	215-279-6	1317-65-3	50-100	Not classified as a dangerous substance

## 4. FIRST AID MEASURES

**EYE CONTACT:** Hold eyelids apart and flush eyes with a steady, gentle stream of water for several minutes.

**SKIN CONTACT:** Wash skin with soap and water.

**INGESTION:** Rinse mouth with water. Do not induce vomiting.

**INHALATION:** Remove person to fresh air.

**GENERAL ADVICE:** In case of doubt or when symptoms persist, seek medical attention.

## 5. FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Non-combustible.

**INAPPROPRIATE EXTINGUISHING MEDIA:** None.

**UNUSUAL FIRE & EXPLOSION**

**HAZARDS:** None.

**PROTECTIVE MEASURES:** Use protective equipment appropriate for surrounding materials.

## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Avoid dust formation. In case of exposure to high levels of airborne dust, wear a personal respirator in compliance with national legislation.

**ENVIRONMENTAL PRECAUTIONS:** This product does not present any particular risk to the environment. Refer to applicable national, state and local regulations prior to washing in drain.

**CLEAN UP METHODS:** Collect mechanically and / or by flushing with water. Avoid dry sweeping and use water spraying or ventilated vacuum system to prevent dust formation.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment.

**STORAGE:** Keep containers closed and protect from physical damage. Store in a dry area.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

### EXPOSURE LIMIT VALUES:

Components	EH40 OES TWA	EH40 OES STEL	EH 40 MEL TWA	UK EH40 MEL (STEL)
Respirable dust	4 mg/m <sup>3</sup>			4 ppm
Total dust	10 mg/m <sup>3</sup>			10 ppm

**ENGINEERING CONTROLS:** Use mechanical ventilation (dilution and local exhaust) to control exposure.

**EYE PROTECTION:** Safety glasses with side shields

**SKIN AND BODY PROTECTION:** Use suitable protective clothing, gloves and footwear, selected with regard for use conditions and exposure potential.

**HAND PROTECTION:** Impervious gloves chemical resistant.

**RESPIRATORY PROTECTION:** In case of exposure to high levels of airborne dust, wear a personal respirator in compliance with national legislation.

**HYGIENE MEASURES:** Handle in accordance with good industrial hygiene and safety practice.

**ENVIRONMENTAL EXPOSURE:** This product does not present any particular risk to the environment. Refer to applicable national, state and local regulations prior to washing in drain.

## 9. PHYSICAL AND CHEMICAL QUALITIES

**APPEARANCE:** White powder

**pH:** 7.0 5% water suspension

**DENSITY:** 2.0 g/cm<sup>3</sup>, 20°C

**ODOUR:** Odourless

**FLASH POINT:** Non-combustible

**WATER SOLUBILITY:** Insoluble

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under ambient temperature (21°C) and pressure (760 mm Hg).

**CONDITIONS TO AVOID:** None

**MATERIALS TO AVOID:** None.

**HAZARDOUS DECOMPOSITION**

**PRODUCTS:** None

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** No information available.

**EYE IRRITATION:** Non-irritating.

**SKIN IRRITATION:** Dries skin and mucous membranes.

**INHALATION:** Dust may irritate the respiratory system.

**INGESTION:** May cause discomfort if swallowed.

**SENSITISATION:** Does not cause sensitisation.

**CHRONIC TOXICITY:** No evidence of mutagenic, reproductive or carcinogenic effects

## 12. ECO-TOXICOLOGICAL INFORMATION

**ECOTOXICITY:** No information available

**Ingoing hazardous chemicals:** Non.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL CONSIDERATIONS:** Dispose in accordance with local, state and national regulations. European Waste Catalogue (EWC) NO. 060299.

## 14. TRANSPORT INFORMATION

**UN NUMBER:** None  
**RID / ADR:** Not a dangerous substance  
**IMO / IMDG:** Not a dangerous substance.  
**ICAO / IATA:** Not a dangerous substance

## 15. REGULATORY INFORMATION

**EC LABELLING:** This product is not classified as dangerous according to Directive 1999/45/EC and no warning label is required.

**HARMONISED TARIFF CODE:** 2811.2200

**NATIONAL CHEMICAL INVENTORY LISTING:**

**AUSTRALIA AICS:** Siloxanes and Silicones, di-Me, reaction products with silica 67762-90-7.

**CANADA DSL/NDL:** Siloxanes and Silicones, di-Me, reaction products with silica 67762-90-7.

**EUROPE EINECS:** Exempt. Polymer.

**KOREA KECI:** Siloxanes and silicones, di-Me reaction products with silica KE-31207.

**PHILLIPINES PICCS:** Siloxanes and Silicones, di-Me, reaction products with silica 67762-90-7.

**UNITED STATES TSCA:** Siloxanes and Silicones, di-Me, reaction products with silica 67762-90-7.

## OTHER INFORMATION

**R-PHRASES:** None

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