Safety data sheet  
According to 1907/2006/EC

Date of last issue: 2010-01-15

1. NAME OF THE PRODUCT AND COMPANY INFORMATION

TRADE NAME: FP-SMOKE.  
USE: POWDER SMOKE FOR AIRFLOW STUDIES, LEAKAGE TESTS.  
MANUFACTURER: BJÖRNAX AB  
ADDRESS: STRÅSSA FÖRETAGSBY  
S-711 77 STRÅSSA SWEDEN  
PHONE NUMBER: 0046 581 43150  
FAX NUMBER: 0046 581 43206  
E-MAIL: info@bjornax.se  
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

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

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:

<table>
<thead>
<tr>
<th>Components</th>
<th>EH40 OES TWA</th>
<th>EH40 OES STEL</th>
<th>EH 40 MEL TWA</th>
<th>UK EH40 MEL (STEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respirable dust</td>
<td>4 mg/m³</td>
<td></td>
<td></td>
<td>4 ppm</td>
</tr>
<tr>
<td>Total dust</td>
<td>10 mg/m³</td>
<td></td>
<td></td>
<td>10 ppm</td>
</tr>
</tbody>
</table>

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/cm³, 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) N0. 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/NDSL: 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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