



SAFETY DATA SHEET

FILLITE

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Compilation date: 27/08/2010

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Revision No: 2

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: FILLITE

CAS number: 93924-19-7

EINECS number: 300-212-6

Product code: 1979

Synonyms: CENOSPHERES, HOLLOW CERAMIC MICROSPHERES

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name: Omya UK Ltd

Omya House

Wyvern Business Park, Chaddesden

Derby

Derbyshire

DE21 6LY

United Kingdom

Tel: +44 (0) 1332 674000

Fax: +44 (0) 1332 544700

Email: SDSEnquiries.uk@omya.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 870 190 6777

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: FILLITE

[cont...]

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Contains: ALUMINO SILICATE EXTRACTED FROM FLY ASH

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. If eye irritation persists, consult a specialist.

Ingestion: Drink plenty of water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation: Fillite has a typical particle size of 20-300 microns and is therefore classified as a nuisance dust. Cenospheres contain crystalline silica at typical levels of 1.5% although all crystalline material is bonded into the glassy shell. Care should be taken to avoid milling or grinding the material which may generate respirable particles. Prolonged exposure to high levels of respirable crystalline silica is considered a possible cause of silicosis that may lead to lung cancer. The nature of cenospheres however mean they are considered harmless in the as-delivered state.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Non-Flammable substance, not applicable. Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Do not breathe or ingest the dust. Do not contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean up promptly by vacuum. Wash the spillage site with large amounts of water. Refer to section 13 of SDS for suitable method of disposal.

[cont...]

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6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is exhaust ventilation of the area. Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep tightly closed in a dry and cool place.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

Respirable dust

State	8 hour TWA:	15 min. STEL:	8 hour TWA:	15 min. STEL:
UK	10 mg/m ³	-	4 mg/m ³	-

8.2. Exposure controls

Engineering measures: Ensure there is exhaust ventilation of the area.

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. Filter P2

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Powder

Colour: Off-white

Odour: Barely perceptible odour

Solubility in water: Negligible.

Melting point/range°C: 1200 - 1400

Relative density: 0.65-0.90 g/cm³

pH: 7-9 in 50% solids

9.2. Other information

Section 10: Stability and reactivity

[cont...]

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10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: None under normal conditions.

10.5. Incompatible materials

Materials to avoid: None known.

10.6. Hazardous decomposition products

Haz. decomp. products: None known.

Section 11: Toxicological information

11.1. Information on toxicological effects

Symptoms / routes of exposure

Inhalation: Fillite has a typical particle size of 20-300 microns and is therefore classified as a nuisance dust. Cenospheres contain crystalline silica at typical levels of 1.5% although all crystalline material is bonded into the glassy shell. Care should be taken to avoid milling or grinding the material which may generate respirable particles. Prolonged exposure to high levels of respirable crystalline silica is considered a possible cause of silicosis that may lead to lung cancer. The nature of cenospheres however mean they are considered harmless in the as-delivered state.

Section 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

[cont...]

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12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Contact waste disposal services.

Disposal of packaging: Contact waste disposal services.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product is not classified for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Legal disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.