

**100556500 FILLITE SG (500)**

Version	Revision Date:	SDS Number:	Date of last issue: 05.11.2021
2.0	16.01.2024	PR-1005565	Date of first issue: 07.12.2016
(CLP_GB)			

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name : FILLITE SG (500)

REACH Registration Number : 01-2119563688-21-XXXX

Substance name : Ashes (Residues) Cenospheres

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

Use of the Sub-
stance/Mixture : Plastic products: Toys
Plastic products: Flooring
Building and construction work
Manufacture of motor vehicles
Manufacture of electronic components
Treatment and coating of metals
Production of abrasive products
Manufacture of plastics products
Manufacture of rubber products
Manufacture of glues
Manufacture of paints, varnishes and similar coatings, printing
ink and mastics
Manufacture of man-made fibres
Manufacture of textiles
Fillers
Paint additive
Abrasive
sewage treatment
Water supply
wastewater management
Water Treatment
sewage treatment

Recommended restrictions on use : For industrial use only.

1.3 Details of the supplier of the safety data sheet

Company : Omya UK Ltd - Melton Office
Melton Bottom
HU14 3HU Melton, North Ferriby

E-mail address of person responsible for the SDS : sds.europe@omya.com

1.4 Emergency telephone number

Emergency telephone number : Chemtrec +44 20 3807 3798



100556500 FILLITE SG (500)

Version	Revision Date:	SDS Number:	Date of last issue: 05.11.2021
2.0	16.01.2024	PR-1005565	Date of first issue: 07.12.2016
(CLP_GB)			

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name : Ashes (Residues) Cenospheres

Components

No hazardous ingredients

SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled	: Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.
In case of skin contact	: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
In case of eye contact	: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.



100556500 FILLITE SG (500)

Version	Revision Date:	SDS Number:	Date of last issue: 05.11.2021
2.0	16.01.2024	PR-1005565	Date of first issue: 07.12.2016
(CLP_GB)			

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Not combustible.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus for firefighters

Further information : Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid dust formation.

6.2 Environmental precautions

Environmental precautions : No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Sweep up and shovel.
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Not applicable

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.



100556500 FILLITE SG (500)

Version 2.0 (CLP_GB) Revision Date: 16.01.2024 SDS Number: PR-1005565 Date of last issue: 05.11.2021
Date of first issue: 07.12.2016

Advice on protection against fire and explosion : No special handling advice required.
No special precautions required.

Hygiene measures : General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.

Advice on common storage : No special restrictions on storage with other products.

Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

dust of any kind 10 mg/m³
Value type (Form of exposure): TWA (Inhalable)
Basis: GB EH40

4 mg/m³
Value type (Form of exposure): TWA (Respirable fraction)
Basis: GB EH40

Contains no substances with occupational exposure limit values.

Derived No Effect Level (DNEL):

Substance name	End Use	Exposure routes	Potential health effects	Value
Ashes (Residues) Cenospheres	Workers	Inhalation	Short-term exposure, Acute effects	3 mg/m ³
	Workers	Inhalation	Long-term exposure, Local effects	0,113 mg/m ³
	Workers		Short-term exposure, Local effects	3 mg/m ³

Predicted No Effect Concentration (PNEC):

Substance name	Environmental Compartment	Value
Ashes (Residues) Cenospheres	Fresh water	2 mg/l
	Marine water	0,2 mg/l
	Sewage treatment plant	100 mg/l
	Soil	333,3 mg/kg

**100556500 FILLITE SG (500)**

Version	Revision Date:	SDS Number:	Date of last issue: 05.11.2021
2.0	16.01.2024	PR-1005565	Date of first issue: 07.12.2016
(CLP_GB)			

8.2 Exposure controls**Personal protective equipment**

Eye/face protection	: Safety glasses
Hand protection	
Remarks	: For prolonged or repeated contact use protective gloves.
Skin and body protection	: Protective suit
Respiratory protection	: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Equipment should conform to EN 143
Filter type	: Particulates type (P)

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance	: coarse powder
Colour	: grey, off-white
Odour	: not significant
Odour Threshold	: No data available
pH	: 6,5 - 6,9
Melting point/range	: 1.260 - 1.560 °C
Boiling point	: No data available
Flash point	: does not flash
Flammability (solid, gas)	: Will not burn
Upper explosion limit / Upper flammability limit	: Upper flammability limit none
Lower explosion limit / Lower flammability limit	: Lower flammability limit none
Vapour pressure	: No data available
Density	: 0,7 g/cm3
Bulk density	: 400 kg/m3 (20 °C)
Solubility(ies)	
Water solubility	: < 0,068 g/l
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: none

9.2 Other information

**100556500 FILLITE SG (500)**

Version	Revision Date:	SDS Number:	Date of last issue: 05.11.2021
2.0	16.01.2024	PR-1005565	Date of first issue: 07.12.2016
(CLP_GB)			

Particle Size Distribution : D40 = 106 µm

SECTION 10: Stability and reactivity**10.1 Reactivity**

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : Bases

10.6 Hazardous decomposition products

No data available

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity****Product:**

Acute oral toxicity : Remarks: No data available

Acute inhalation toxicity : Remarks: not determined

Acute dermal toxicity : Remarks: Not applicable

Skin corrosion/irritation**Product:**

Remarks : Not applicable

Serious eye damage/eye irritation**Product:**

Remarks : Based on available data, the classification criteria are not met.

**100556500 FILLITE SG (500)**

Version	Revision Date:	SDS Number:	Date of last issue: 05.11.2021
2.0	16.01.2024	PR-1005565	Date of first issue: 07.12.2016
(CLP_GB)			

Respiratory or skin sensitisation**Product:**

Remarks : No sensitisation effects are known

Further information**Product:**

Remarks : No data available

SECTION 12: Ecological information**12.1 Toxicity****Product:**

Toxicity to fish : Remarks: Aquatic toxicity is unlikely due to low solubility.

Toxicity to daphnia and other aquatic invertebrates : Remarks: Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

12.2 Persistence and degradability**Product:**

Biodegradability : Remarks: The methods for determining biodegradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment**Product:**

Assessment : Remarks: Not applicable

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects**Product:**

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

**100556500 FILLITE SG (500)**

Version	Revision Date:	SDS Number:	Date of last issue: 05.11.2021
2.0	16.01.2024	PR-1005565	Date of first issue: 07.12.2016
(CLP_GB)			

Additional ecological information : levels of 0.1% or higher.
: There is no data available for this product.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Product : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information**14.1 UN number**

ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.2 UN proper shipping name

ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.4 Packing group

ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA (Cargo) : Not regulated as a dangerous good

**100556500 FILLITE SG (500)**

Version	Revision Date:	SDS Number:	Date of last issue: 05.11.2021
2.0	16.01.2024	PR-1005565	Date of first issue: 07.12.2016
(CLP_GB)			

IATA (Passenger) : Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

UK REACH List of substances subject to authorisation (Annex XIV) : Not applicable

UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation : Not applicable

The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) : Not applicable

UK REACH List of restrictions (Annex 17) : Not applicable

GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation : Not applicable

Control of Major Accident Hazards Regulations 2015 (COMAH) : Not applicable

:

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information**Full text of other abbreviations**

GB EH40 : UK. EH40 WEL - Workplace Exposure Limits
GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as-

**100556500 FILLITE SG (500)**

Version	Revision Date:	SDS Number:	Date of last issue: 05.11.2021
2.0	16.01.2024	PR-1005565	Date of first issue: 07.12.2016
(CLP_GB)			

sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information : This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Sources of key data used to compile the Safety Data Sheet : Information taken from reference works and the literature.

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 a 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.

GB / EN