

## SAFETY DATA SHEET

according to Commission Regulation (EU) No 2015/830



### 100556500 FILLITE SG (500)

Version	Revision Date:	SDS Number:	Date of last issue: 17.07.2018
1.2	20.07.2018	PR-1005565	Date of first issue: 07.12.2016

(CLP\_GB)

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## 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

CAS-No. : 93924-19-7

EC-No. : 300-212-6

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

Use of the Substance/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

### 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

Responsible/issuing person : Omya UK Ltd, Melton Office, Melton Bottom, Melton, North Ferriby, East Yorkshire, HU14 3HU, United Kingdom

### 1.4 Emergency telephone number

Responsible Department : Emergency telephone: +44 870 190 6777

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

### 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

EC-No. : 300-212-6

#### Components

Remarks : 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.

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#### 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

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### 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 for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Standard procedure for chemical fires.

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### 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

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.  
No special handling advice required.

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Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

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

Contains no substances with occupational exposure limit values.

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

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

#### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

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

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Safety glasses

Hand protection

Remarks : For prolonged or repeated contact use protective gloves.

Skin and body protection : Protective suit

Respiratory protection : No personal respiratory protective equipment normally

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required.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	:	coarse powder
Colour	:	grey
Odour	:	not significant
pH	:	6,5 - 6,9
Melting point/range	:	1.260 - 1.560 °C
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
Density	:	0,7 g/cm <sup>3</sup>
Bulk density	:	400 kg/m <sup>3</sup> (20 °C)
Solubility(ies)	:	
Water solubility	:	< 0,068 g/l
Auto-ignition temperature	:	none

### 9.2 Other information

No data available

## 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

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Conditions to avoid : Not applicable  
No data available

#### 10.5 Incompatible materials

Materials to avoid : Not applicable

#### 10.6 Hazardous decomposition products

No data available

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

###### Product:

Acute oral toxicity : No data available  
Acute inhalation toxicity : not determined  
Acute dermal toxicity : Not applicable

##### Skin corrosion/irritation

###### Product:

Not applicable

##### Serious eye damage/eye irritation

###### Product:

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

##### Respiratory or skin sensitisation

###### Product:

No sensitisation effects are known

##### Further information

###### Product:

No data available

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#### SECTION 12: Ecological information

##### 12.1 Toxicity

**Product:**

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

Toxicity to daphnia and other aquatic invertebrates : 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 : 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 : 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:**

Additional ecological information : 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.

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#### SECTION 14: Transport information

##### 14.1 UN number

Not regulated as a dangerous good

##### 14.2 UN proper shipping name

Not regulated as a dangerous good

##### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

##### 14.4 Packing group

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Not applicable

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

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

Directive 96/82/EC does not apply

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Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

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#### 15.2 Chemical safety assessment

A Chemical Safety Assessment has been carried out for this substance.

As no toxicological hazard was identified no human-related (worker/consumer) exposure assessment and risk characterization was performed.

As no environmental hazard was identified no environmental-related exposure assessment and risk characterization was performed.

#### SECTION 16: Other information

##### Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; 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 associated 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; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

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#### 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.