

# Safety Data Sheet

According to 1907/2006/EC, Article 31

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## STARCOAT PMMA SELF-LEVELLING AGGREGATE

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

#### 1.1 Product identifier

**Trade name:** STARCOAT PMMA SELF-LEVELLING AGGREGATE

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

 See Section 16

**Application of the substance / the mixture** Filling mortar

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

AXTER LTD, West Road, Ransomes Europark, Ipswich IP3 9SX UK

**Tel: +44 (0) 1473 724056, 8.00 am to 5.30 pm, Monday to Friday**

Email: [info@axterltd.co.uk](mailto:info@axterltd.co.uk)

#### 1.4 Emergency telephone

+ 44 1473 724056 (NOT 24HRS - 8am - 5.30pm, Monday to Friday)

In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

STOT RE 2

H373 May cause damage to organs through prolonged or repeated exposure

### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

#### Hazard pictograms



GHS08

#### Signal word

Warning

#### Hazard-determining components of labelling:

Quartz (SiO<sub>2</sub>)

#### Hazard statements

H373

May cause damage to organs through prolonged or repeated exposure

#### Precautionary statements

P260

Do not breathe dust

P314

Get medical advice / attention if you feel unwell

P501

Dispose of contents / container in accordance with local / regional / national / international regulations.

### 2.3 Other hazards

#### Results of PBT and vPvB assessment

##### PBT

Does not meet the PBT-criteria of Annex XIII of REACH (self assessment).

##### vPvB

Does not meet the vPvB-criteria of Annex XIII of REACH (self assessment).

## Section 3: Composition/information on ingredients

### 3.1 Mixtures

#### Description

Mixture of substances listed below with nonhazardous additions.

#### Dangerous components:

CAS: 14808-60-7 EINECS: 238-878-4	Quartz (SiO <sub>2</sub> ) STOT RE 1, H372	>2.5-<10%
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#### Additional information

For the wording of the listed risk phrases refer to section 16.

## Section 4: First aid measures

### 4.1 Description of first aid measures General information

Immediately remove any clothing soiled by the product.  
Take affected persons out of danger area and lay down.  
Involve doctor immediately.

#### After inhalation

In case of unconsciousness place patient stably in side position for transportation. Take affected persons into fresh air and keep them quiet. Seek medical treatment.

#### After skin contact

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

#### After eye contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

#### After swallowing

If symptoms persist consult doctor, do not induce vomiting; call for medical help immediately.

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

No further relevant information available.

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

No further relevant information available.

## Section 5: Firefighting measures

### 5.1 Extinguishing media Suitable extinguishing agents

Product itself does not burn; fire extinguishing methods should be suitable to surrounding conditions.

### 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

### 5.3 Advice for firefighters: Protective equipment

Wear fully protective suit.  
Wear self-contained respiratory protective device.

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of dust.  
Wear protective clothing.  
Wear protective equipment. Keep unprotected persons away.

### 6.2 Environmental precautions

Inform respective authorities in the case of seepage into water course or sewage system.

### 6.3 Methods and material for containment and cleaning up

Do not flush with water or aqueous cleansing agents.

### 6.4 Reference to other sections

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid release of dust into the air.

Provide good ventilation at work.

Take note of emission threshold (at least 7-fold air changes per hour).

#### Information about fire - and explosion protection



Keep away from ignition sources. Do not smoke.

### 7.2 Conditions for safe storage, including any incompatibilities:

#### Storage

##### Requirements to be met by storerooms and receptacles

Store only in the original receptacle. Store in a cool location.

#### Information about storage in one common storage facility

Not required.

#### Further information about storage conditions

Store in cool, dry conditions in well sealed receptacles.

Store in dry conditions.

### 7.3 Specific end use(s) If the product is mixed with other substances, the safety advice given above must be observed if the preparation is in an inhalable form.

## Section 8: Exposure controls/personal protection

**Additional information about design of technical facilities** No further data; see item 7.

### 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

1344-28-1 aluminium oxide ( $\leq 2.5\%$ )

WEL

Long term value:  $10^* 4^{**} \text{ mg/m}^3$   
\*inhalable dust \*\*respirable dust

#### Additional information about design of technical facilities

The lists valid during the making were used as a basis.

### 8.2. Exposure controls

#### Protective equipment



#### General protective and hygienic measures

Wash hands before breaks and at the end of work.

#### Respiratory protection

Filter P2

**Protection of hands**
**Protective gloves**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Select glove material on consideration of the penetration times, rates of diffusion and degradation.

Preventive skin protection by use of skin-protecting agents is recommended. After use of gloves apply skin-cleaning agents and skin cosmetics.

Check protective gloves prior to each use for their proper condition. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

**Material of gloves**

The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Protective gloves according to EN 374.

Suitable material: nitrile.

**Penetration time of glove material**

Our recommendation is mainly for a one-time use as a short-term protection for liquid splashes. For other applications, you should contact a glove manufacturer.

The exact break through time must be found out from the manufacturer of the protective gloves and must be observed.

**For permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable**

Butyl rubber, BR

**For permanent contact, gloves made of the following materials are suitable**

Butyl rubber, BR

**Not suitable are gloves made of the following material**

Leather

**Eye protection**

Tightly sealed goggles, EN-Standard: EN 166

**Body protection**

Protective work clothing

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information:

##### Appearance

<b>Form:</b>	Solid in various forms
<b>Colour:</b>	Grey
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Not determined
<b>pH-value:</b>	7

##### Changing condition

<b>Melting point/freezing point:</b>	1713 °C
<b>Initial boiling point/boiling range:</b>	2230 °C
<b>Flash point:</b>	N/A
<b>Flammable (solid, gas):</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Auto-ignition temperature:</b>	Product is not self-igniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Explosion limits</b>	
<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>Vapour pressure</b>	N/A
<b>Density at 20°C:</b>	2.64 g/cm <sup>3</sup> (EN ISO 2811-1)
<b>Vapour density:</b>	N/A
<b>Evaporation rate:</b>	N/A
<b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix
<b>Partition coefficient (n-octanol/water):</b>	Not determined
<b>Viscosity</b>	
<b>Dynamic:</b>	N/A
<b>Kinematic:</b>	N/A
<b>Solvent content:</b>	
<b>Solids content:</b>	100.0%

### 9.2 Other information

No further relevant information available.

## Section 10: Stability and reactivity

<b>10.1 Reactivity</b>	See Section 10.2
<b>10.2 Chemical stability</b>	
<b>Thermal decomposition / conditions to be avoided</b>	No decomposition if used according to specifications.
<b>10.3 Possibility of hazardous reactions</b>	No dangerous reactions known.
<b>10.4 Conditions to avoid</b>	No further relevant information available.
<b>10.5 Incompatible materials</b>	No further relevant information available.
<b>10.6 Hazardous decomposition products</b>	No dangerous decomposition when product used according to specifications.

**Additional information**

Emergency procedures will vary depending on individual circumstances. The customer should have a contingency plan at the workplace where the product is present.

**Section 11: Toxicological information**

<b>11.1 Information on toxicological effects</b>	There were no toxicological findings to the mixture.
<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
<b>Primary irritant effect</b>	
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met.
<b>Respiratory or skin sensitization</b>	Based on available data, the classification criteria are not met.
<b>Subacute to chronic toxicity</b>	Not tested.
<b>CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)</b>	Not tested
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT-single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure</b>	May cause damage to organs through prolonged or repeated exposure.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

**Section 12: Ecological information**

<b>12.1 Toxicity</b>	
<b>Aquatic toxicity</b>	No further information available.
<b>12.2 Persistence and degradability</b>	No further information available.
<b>12.3 Bioaccumulative potential</b>	No further information available.
<b>12.4 Mobility in soil</b>	No further information available.
<b>General notes</b>	Not hazardous for water.
<b>12.5 Results of PBT and vPvB assessment</b>	
<b>PBT</b>	Does not meet the PBT-criteria of Annex XIII of REACH (self assessment).
<b>vPvB</b>	Does not meet the vPvB-criteria of Annex XIII of REACH (self assessment).
<b>12.6 Other adverse effects</b>	No further relevant information available.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

The waste is not hazardous. Dispose of in accordance with regulations after consultation with the relevant local authorities and disposal in a suitable and licensed facility.

Hazardous waste according to Waste Catalogue (EWC). If recycling is not possible, waste must be in compliance with local regulations to be removed.

#### Recommendation

Uncured product residues are special waste.

Cured product residues are not hazardous waste.

Smaller quantities can be disposed of with household waste.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

#### Waste disposal key

The following Waste Codes of the European Waste Catalogue (EWC), are considered a recommendation. The disposal must be coordinated with the local waste disposal company.

Liquid product:

080111 \* paint and varnish containing organic solvents or other dangerous substances

080199 waste nec

Cured product residues:

080112 paint and varnish wastes other than those mentioned in 080111

080410 adhesive waste adhesives and sealants other than those mentioned in 080409

**European waste catalogue** 080111 \* (recommended)

#### Uncleaned packaging

##### Recommendation

Disposal must be made according to official regulations.

## Section 14: Transport information

<b>14.1</b>	<b>UN-Number</b>	
	<b>ADR, ADN, IMDG, ATA</b>	Void
<b>14.2</b>	<b>UN proper shipping name</b>	
	<b>ADR, ADN, IMDG, IATA</b>	Void
<b>14.3</b>	<b>Transport hazard class(es)</b>	
	<b>ADR, ADN, IMDG, IATA</b>	Void
<b>14.4</b>	<b>Packing group</b>	
	<b>ADR, IMDG, IATA</b>	Void
<b>14.5</b>	<b>Environmental hazards:</b>	
	<b>Marine pollutant</b>	No
<b>14.6</b>	<b>Special precautions for user</b>	N/A



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

N/A

**Transport / Additional information:****ADR****Remarks**

Classification according to viscosity clause (2.2.3.1.5)

**IMDG****Remarks**

Classification according to viscosity clause (2.3.2.5)

**UN "Model Regulation"**

Void

**Section 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Named dangerous substances - ANNEX I**

None of the ingredients is listed.

**National regulations:****Information about limitation of use**

Employment restrictions under the Maternity Protection Directive (94/33/EC).

Employment restrictions for Maternity Directive (92/85/EEC) for expectant and nursing mothers.

**15.2 Chemical safety assessment**

A Chemical Safety Assessment has not been carried out.

**Section 16: Other information**

These figures relate to the product as delivered.

**Sector of Use**

Relevant identified uses of the mixture

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU19 Building and construction work

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

**Uses advised against**

SU21 Consumer uses: Private households / general public / consumers

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H372

Causes damage to organs through prolonged or repeated exposure

**Training hints**

Teaching about hazards and precautions to hand the operating instructions (Technical Rule 555). Training about hazards and precautions must take place before the start of employment and at least annually thereafter.

**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Skins Sens 1: Skin sensitization – Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Category 3

Aquatic Chronic 3: Hazardous to the aquatic environment – long-term aquatic hazard – Category 3

**Sources:**

[www.gestis.de](http://www.gestis.de)

[www.echa.eu](http://www.echa.eu)

[logkow.cisti.nrc.ca](http://logkow.cisti.nrc.ca)

**Data compared to the previous version altered.**

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