

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Ceramic Anchor AS386

Print date: 02.07.2015

Product code: 8356

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Ceramic anchor AS 386****1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Shaped and fired refractory product

Uses advised against

The product is intended for professional use.

1.3. Details of the supplier of the safety data sheet

Company name:	STEULER-KCH GmbH	
	Höhr-Grenzhausen	
Street:	Georg-Steuler-Straße 39	
Place:	D-56203 Höhr-Grenzhausen	
Post-office box:	1448	
	D-56195 Höhr-Grenzhausen	
Telephone:	+49 2624 13 0	Telefax: +49 2624 13 400
e-mail:	info@steuler-kch.de	
Contact person:	Labor QS / F&E	
e-mail:	msds@steuler-kch.de	
Internet:	www.steuler-kch.de	
Responsible Department:	+49 2624 13 422	
	+49 2624 13 535	

1.4. Emergency telephone number: (001) 352 3233500 Emtel-Customer-No. 99496**SECTION 2: Hazards identification****2.2. Label elements****Hazardous components which must be listed on the label**

No risks worthy of mention.

2.3. Other hazards

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

There is no requirement for the product to be specially labelled according to EC directives or the corresponding national laws.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

No special measures are necessary.

After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

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After contact with skin

Wash with plenty of water. Change contaminated clothing.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.

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

No known symptoms to date.

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid generation of dust.

6.2. Environmental precautions

No special environmental protection measures are necessary.

6.3. Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid generation of dust.

Conditions to avoid: Dust deposits. Dust must be exhausted directly at the point of origin.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Store in a cool dry place.

Advice on storage compatibility

No special measures are necessary.

Further information on storage conditions

No special precautionary measures are necessary.

7.3. Specific end use(s)

Restricted to professional users. Observe technical data sheet.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

Exposure limit for dust WEL (D): Respirable fraction: 3 mg / m³ Inhalable fraction: 10 mg / m³

8.2. Exposure controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Protective and hygiene measures

Avoid generation of dust. Dust should be exhausted directly at the point of origin.

Eye/face protection

Suitable eye protection: Framed glasses.

Hand protection

No special measures are necessary.

Apply skin care products after work.

Skin protection

No special measures are necessary.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at: insufficient ventilation. Generation/formation of dust

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). P 2

Use only respiratory protection equipment with CE-symbol including four digit test number.

Environmental exposure controls

See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: solid
 Colour:
 Odour: odourless

Test method

pH-Value (at 20 °C): not applicable

Changes in the physical state

Melting point: not determined
 Initial boiling point and boiling range: not applicable
 Sublimation point: not applicable
 Softening point: not applicable
 Flash point: not applicable

Explosive properties

not explosive.

Ignition temperature: not applicable

Oxidizing properties

Not oxidizing.

Vapour pressure: not applicable

Density (at 20 °C): 2,55 g/cm³

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Water solubility: not determined
(at 20 °C)

Solubility in other solvents
insoluble

Partition coefficient: There are no data available on the mixture
itself.

Viscosity / dynamic: not applicable

9.2. Other information

Solid content: 100 %

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

No data available

10.2. Chemical stability

No ignition, explosion, self-heating or visible decomposition.

10.3. Possibility of hazardous reactions

No risks worthy of mention.

10.4. Conditions to avoid

There are no data available on the mixture itself.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No risks worthy of mention.

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

No data available

Irritation and corrosivity

No data available

Sensitising effects

no danger of sensitization.

Severe effects after repeated or prolonged exposure

No known symptoms to date.

Specific effects in experiment on an animal

No data available

SECTION 12: Ecological information**12.2. Persistence and degradability**

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

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12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

Contaminated packaging

Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)****14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.**Inland waterways transport (ADN)****14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.**Marine transport (IMDG)****14.2. UN proper shipping name:** Not a hazardous material with respect to these transportation regulations.**Air transport (ICAO)****14.2. UN proper shipping name:** Not a hazardous material with respect to these transportation regulations.**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

not applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not classified for this carrier.

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

Water contaminating class (D): - - not water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 9.

* Data changed compared with the previous version

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer

(Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

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

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)