SAFETY DATA SHEET

Sikacrete® -213 FMY

Version 3.0  SDS Number: 000000612237  Revision Date: 12.09.2018

SECTION 1: Identification of the hazardous chemical and of the supplier

Product name : Sikacrete®-213 FMY
Product code : 000000612237
Type of product : powder

Manufacturer or supplier's details
Lot 689 Nilai Industrial Estate
71800 Nilai
Telephone : +60 6799 1762
Telefax : +60 6799 1980
E-mail address : EHS@my.sika.com
Emergency telephone number :
Contact point :

SECTION 2: Hazards identification

Classification of the hazardous chemical
Serious eye damage/eye irritation : Category 1

Label elements
Hazard pictograms :
Signal word : Danger
Hazard statements : H318 Causes serious eye damage.
Precautionary statements : Prevention:
P280 Wear eye protection/ face protection.
Response:
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

Other hazards which do not result in classification
None known.

SECTION 3: Composition and information of the ingredients of the hazardous chemical

Substance / Mixture : Mixture
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Hazardous components

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicic acid, calcium salt</td>
<td>1344-95-2</td>
<td>&gt;= 30 - &lt; 60</td>
</tr>
<tr>
<td>dialuminium tricalcium hexaoxide</td>
<td>12042-78-3</td>
<td>&gt;= 5 - &lt; 10</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

General advice: Move out of dangerous area.
               Consult a physician.
               Show this safety data sheet to the doctor in attendance.

If inhaled: Move to fresh air.
           Consult a physician after significant exposure.

In case of skin contact: Take off contaminated clothing and shoes immediately.
                        Wash off with soap and plenty of water.
                        If symptoms persist, call a physician.

In case of eye contact: Small amounts splashed into eyes can cause irreversible
tissue damage and blindness.
                        In the case of contact with eyes, rinse immediately with plenty
                        of water and seek medical advice.
                        Continue rinsing eyes during transport to hospital.
                        Remove contact lenses.
                        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.

Most important symptoms and effects, both acute and delayed: No known significant effects or hazards.
                                                               Excessive lachrymation
                                                               See Section 11 for more detailed information on health effects
                                                               and symptoms.
                                                               Causes serious eye damage.

Notes to physician: Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

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

Physicochemical hazards arising from the chemical

Hazardous combustion products: No hazardous combustion products are known
                                products

Special protective equipment and precautions for fire-fighters

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.
Specific extinguishing methods: Standard procedure for chemical fires.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:
- Use personal protective equipment.
- Avoid breathing dust.
- Deny access to unprotected persons.

Environmental precautions:
- Try to prevent the material from entering drains or water courses.

Methods and materials for containment and cleaning up:
- Pick up and arrange disposal without creating dust.
- Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

Handling

Precautions for safe handling:
- Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
- Avoid exceeding the given occupational exposure limits (see section 8).
- Do not get in eyes, on skin, or on clothing.
- For personal protection see section 8.
- Smoking, eating and drinking should be prohibited in the application area.
- Follow standard hygiene measures when handling chemical products.

Storage

Conditions for safe storage, including any incompatibilities:
- Keep container tightly closed in a dry and well-ventilated place.
- Store in accordance with local regulations.

SECTION 8: Exposure controls and personal protection

Control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicic acid, calcium salt</td>
<td>1344-95-2</td>
<td>TWA (particulate)</td>
<td>10 mg/m3</td>
<td>MY PEL</td>
</tr>
</tbody>
</table>
Further information: The value is for particulate matter containing no asbestos and <1% crystalline silica

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

**Skin protection**: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

**Hand protection**: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Respiratory protection**: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

**Hygiene measures**: Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

### SECTION 9: Physical and chemical properties

- **Appearance**: powder
- **Colour**: grey
- **Odour**: characteristic
- **Odour Threshold**: No data available
- **pH**: Not applicable
- **Melting point/range / Freezing point**: No data available
- **Boiling point/boiling range**: No data available
- **Flash point**: Not applicable
- **Evaporation rate**: No data available
- **Flammability**: No data available
Upper explosion limit : No data available
Lower explosion limit : No data available
Vapour pressure : No data available
Relative vapour density : No data available
Density : 1.2 kg/l

Solubility(ies)
Water solubility : No data available
Solubility in other solvents : No data available
Partition coefficient: n-octanol/water : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity
Viscosity, dynamic : No data available
Viscosity, kinematic : Not applicable
Explosive properties : No data available
Molecular weight : No data available

SECTION 10: Stability and reactivity
Reactivity : No dangerous reaction known under conditions of normal use.
Chemical stability : The product is chemically stable.
Possibility of hazardous reactions : Stable under recommended storage conditions.
Conditions to avoid : No data available
Incompatible materials : No data available
No decomposition if stored and applied as directed.

SECTION 11: Toxicological information
Information on likely routes of exposure : None known.
Acute toxicity
No data available
Skin corrosion/irritation
Not classified based on available information.

Serious eye damage/eye irritation
Causes serious eye damage.

Respiratory or skin sensitisation
Skin sensitisation: Not classified based on available information.
Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity
Not classified based on available information.

Carcinogenicity
Not classified based on available information.

Reproductive toxicity
Not classified based on available information.

STOT - single exposure
Not classified based on available information.

STOT - repeated exposure
Not classified based on available information.

Aspiration toxicity
Not classified based on available information.

SECTION 12: Ecological information

Ecotoxicity
No data available

Persistence and degradability
No data available

Bioaccumulative potential
No data available

Mobility in soil
No data available

Other adverse effects

Product:
Additional ecological information : There is no data available for this product.

SECTION 13: Disposal information

Disposal methods

Waste from residues : Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
SECTION 14: Transport information

**International Regulations**

**UNRTDG**
Not dangerous goods

**IATA-DGR**
Not dangerous goods

**IMDG-Code**
Not dangerous goods

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Not applicable for product as supplied.

SECTION 15: Regulatory information

**Safety, health, and environmental regulations specific for the hazardous chemical**

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.


International Chemical Weapons Convention (CWC) : Not applicable

Schedules of Toxic Chemicals and Precursors : Not applicable

SECTION 16: Other information

**Date format** : dd.mm.yyyy

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version!