According to Brasil: ABNT NBR 14725 4: 2012

ZEOPOL® 8755

SECTION 1. Product and company identification

Product Name: ZEOPOL® 8755
Company: J.M. Huber Corporation
3100 Cumberland Boulevard, Suite 600
Atlanta, GA 30339 USA
Tel: +1 678 247-7300
Emergency Telephone: CHEMTREC: 1 800 424 9300 or International +1 703 527 3887
Internet: www.hubermaterials.com
Email: hubermaterials@huber.com

SECTION 2. Hazard Identification

GHS Classification - Brasil: Not Classified as Physical, Health or Environmental Hazard
GHS Health Classification: Not Classified
Label Element(s): None
Signal Word: None
Other hazards: Avoid dust formation.
Material can create slippery conditions

SECTION 3. Composition / information on ingredients

<table>
<thead>
<tr>
<th>Chemical Name/CAS</th>
<th>EC / REACH</th>
<th>% W/W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synthetic amorphous silica</td>
<td>112926-00-8</td>
<td>100</td>
</tr>
</tbody>
</table>

Synthetic amorphous silica - 112926-00-8
Regulation (EC) 1907/2006: *Contact JM Huber for REACH Regulatory Status
USA (TSCA) CAS no. 7631-86-9 (generic group: Silicon dioxide)
SECTION 4. First aid measures

General advice: In case of doubt or when symptoms persist, seek medical attention.

Eye contact: Hold eyelids apart and flush eyes with a steady, gentle stream of water for several minutes.

Skin contact: Wash skin with soap and water.

Ingestion: Rinse mouth with water. Do not induce vomiting.

Inhalation: Move person to fresh air.

SECTION 5. Fire-fighting measures

NFPA: Health 1 Flammability 0 Reactivity 0 PPE: E
HMIS: Health 1 Flammability 0 Physical hazard 0

Extinguishing media: All extinguishing media can be used. Use suitable media appropriate for the surrounding fire.

Unsafe extinguishing media: None

Special exposure hazards: None

Special protective equipment for firefighters: Firefighters should wear protective clothing and use equipment that is suitable for the materials involved in the surrounding fire.

SECTION 6. Accidental release measures

Personal precautions: Avoid dust formation.
When exposed to high concentrations of airborne dust, wear a SCBA in accordance with national legislation.

Cleanup methods: Pick up mechanically and / or by rinsing with water.
Avoid dry sweeping and use a sprinkler system or exhaust ventilation to prevent dust formation.

SECTION 7. Handling and storage

Handling: Avoid dust formation.
Provide appropriate exhaust ventilation in places where dust is formed.
In case of insufficient ventilation, wear suitable respiratory equipment.

Storage: Store in a dry area.

SECTION 8. Exposure controls / personal protection

Exposure Controls

Engineering Controls: Use mechanical ventilation (dilution and local exhaust) to control exposure.
Nuisance particles/ Nuisance dust:
If not specified dusts are:
ACGIH: 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction)
OSHA PEL: 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction)

Personal Protective Equipment
Eye Protection: Safety glasses with side shields
Skin and Body Protection: Use suitable protective clothing, gloves and footwear, selected with regard for use conditions and exposure.
Hand Protection: Impervious gloves: chemical resistant
Respiratory Protection: In case of exposure to high levels of airborne dust, wear a respirator EN 149, P2 half masks.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Control Parameters
Exposure Limit Values: Austria 4 mg/m³, Finland 10 mg/mg, Germany 4 mg/m³ inhalable, Ireland 6 mg/m³ inhalable, Norway 1.5 mg/m³ respirable, Switzerland 4 mg/m³, United Kingdom 6 mg/m³ total inhalable dust

Synthetic amorphous silica - 112926-00-8
OSHA - TWA 5 mg/m³ (respirable dust)
15 mg/m³ (total dust)
ACGIH - TLV-TWA 8-hour 10 mg/m³
Canada - Alberta - OEL - TWA 10 mg/m³ TWA
Canada - British Columbia - OEL - TWA 1.5 mg/m³ TWA (respirável); 4mg/m³ TWA (total)
Canada - British Columbia - OEL - TWAs 4 mg/m³
1.5 mg/m³
Mexico OEL Data - TWA 10 mg/m³

SECTION 9: Physical and chemical properties

Appearance
White

Physical State
Powder

Odor
Odorless

Odor Threshold
No information available

pH:
6-9, 5% water suspension

Melting Point / Range
Ca 1700 °C

Boiling Point
2230° C

Freeze Point
Not applicable

Flash Point
Not applicable

Evaporation Rate
Not applicable

Flammability (solid, gas)
Not applicable

Vapor Pressure
Not applicable

Vapor Density
Not applicable

Density
2.2 g/cm³, 20°C
**SECTION 10: Stability and reactivity**

**Stability:**
Stable under normal conditions

**Conditions to avoid:**
May be converted to crystalline silica when heated above 950° C.

**Materials to avoid (Incompatible Materials):**
None

**Hazardous decomposition products:**
None

**Stability:**
Stable under normal conditions

**SECTION 11: Toxicological information**

**Acute toxicity:**
Product not tested as a whole. This product is not considered a carcinogen.

**Chronic toxicity:**
No evidence of mutagenic, reproductive or carcinogenic effects

- **Sensitization:**
  Does not cause sensitization

- **Eye irritation:**
  Non-irritating

- **Skin irritation:**
  Non-irritating

**Synthetic amorphous silica - 112926-00-8**

- LD50 Oral: >3300 mg/kg (rat)
- LD50 Dermal: >5000 mg/kg (rat)
- LC50 Inhalation: LC50 > 0.14 - > 2.0 mg/l

**SECTION 12: Ecological information**

**Ecotoxicity:**
- EC50 (Fish) > 10000 mg/l
- EC50 (Daphnia) > 10000 mg/l

**Persistence / Degradability:**
Non-degradable

**Bioaccumulative potential:**
Inert Material

**Mobility:**
Inert material

**Other Adverse Effects:**
None known
SECTION 13: Disposal considerations

Waste treatment methods

Dispose in accordance with local, state and national regulations.

Synthetic amorphous silica - 112926-00-8

European Waste Catalogue (EWC): 061399

SECTION 14: Transport information

DOT Not regulated
TDG Not regulated
IMDG / IMO Not regulated
ICAO Not regulated
IATA Not regulated

15. REGULATORY INFORMATION

Component(s) of the product are on the following Inventory lists:

<table>
<thead>
<tr>
<th>Chemical Name/CAS</th>
<th>EC / REACH</th>
<th>Australia (AICS)</th>
<th>Canada (DLS)</th>
<th>China (IECSC)</th>
<th>Japan (ENCS)</th>
<th>Korea (KECL)</th>
<th>New Zealand (NZIoC)</th>
<th>Philippines (PICCS)</th>
<th>USA (TSCA)</th>
<th>Taiwan (ECN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synthetic amorphous silica - 112926-00-8</td>
<td>-</td>
<td>Present</td>
<td>Present (DLS)</td>
<td>Present</td>
<td>(1)-548 (ENCS)</td>
<td>KE-32733</td>
<td>Present</td>
<td>Present</td>
<td>7631-86-9</td>
<td>Present</td>
</tr>
</tbody>
</table>

Legend
PRESENT : Listed
- : Not Listed
*: Exempt
Nominated

Synthetic amorphous silica - 112926-00-8

Regulation (EC) 1907/2006: *Contact JM Huber for REACH Regulatory Status
USA (TSCA) CAS no. 7631-86-9 (generic group: Silicon dioxide)

SECTION 16. Other information
SECTION 16. Other information

Training Advice: Personnel handling the substance(s) named in this Safety Data Sheet should be skilled and trained in areas associated with the key points named herein.

Personnel should have training and access to appropriate PPE for handling this product.

Personnel handling the substance(s) named in this Safety Data Sheet are responsible for ensuring that appropriate precautions are taken and for satisfying themselves that the data are suitable and sufficient for the substance(s) intended purpose.

If additional information is required, please contact the supplier or an expert.

Sources of key data: Literature data and/or investigative reports are available through the manufacturer.

Acronym / Abbreviation: ACRONYMS:
INTERNATIONAL:
ADR: International Carriage of Dangerous Goods by Road
BOD: Biochemical Oxygen Demand
CLP: Classification, Labeling and Packaging
COD: Chemical Oxygen Demand
D.O.T.: U.S. Department of Transportation
ICAO International Civil Aviation Organization
IATA: International Air Transport Association (IATA)
IMO: International Maritime Organization
IMDG: International Maritime Dangerous Goods
INCI: International Nomenclature of Cosmetic Ingredients
OES: Occupational Exposure Standard
OR: EU REACH Only Representative
PPE: Personal protection equipment
RID: International Carriage by Rail
SCBA: self contained breathing apparatus
TLV-STEL: Threshold Limit Values - Short Term Exposure Limits
TWA: Time Weighted Averages

North America:
CERCLA RQ: US EPA Comprehensive Environmental, Response, and Liability Act Reportable Quantity
CONEG: Conference of North Eastern Governors
NIOSH/MSHA - National Institute for Occupational Safety and Health/Mine Safety and Health Administration
SARA: Superfund Amendments and Reauthorization Act (US EPA)
TDG: Canada Transport of Dangerous Goods
WHMIS: Canada's Workplace Hazardous Materials Information System

Prepared by Huber Engineered Materials (HEM) Global Regulatory Affairs

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END OF SAFETY DATA SHEET