

SAFETY DATA SHEET

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name Kinetic Sand in Natural Color

1.2. Other mean of identification

Synonyms None

1.3. Recommended use of the chemical and restrictions on use

Recommended use Toy containing chemical, without VOC

Uses advised against No information available

1.4. Details of the supplier of the safety data sheet

Supplier Name Delta of Sweden AB

Supplier Address Gjutaregatan 10C, 30262 Halmstad, Sweden

Supplier Phone 0046 35 101600

Supplier Fax 0046 35 101616

Supplier email info@deltaofsweden.com

1.5. Emergency phone number

Phone 0046 35 100869

Only available during office hours, Sweden time

SECTION 2: HAZARD(S) IDENTIFICATION

2.1. Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.2. GHS Label element, including precautionary statements

Emergency overview

Signal word None

Hazard statement None

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance color
Physical state powder solid
Odor odorless

2.3. Precautionary statement – Prevention

None

2.4. Precautionary statement – Response

None

2.5. Precautionary statement – Storage

None

2.6. Precautionary statement – Disposal

None

2.7. Hazards not otherwise classified

Not applicable

2.8. Unknown toxicity

None

2.9. Other information

No information available

2.10. Interactions with other chemicals

No information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
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3.1. Substances

Not applicable

3.2. Mixtures

Chemical Name	CAS Number	%
Silicon dioxid	14808-60-7	93.6 - 97.4 %
Polydimethyl siloxane	70131-67-8	1.1 - 2.6 %

No hazardous ingredients

SECTION 4: FIRST-AID MEASURES

4.1. First-aid measures

Eye contact	Flush with large amount of water. Removes contact lenses if easy to do. Continue rinsing. If signs/symptoms persists, get medical attention.
Skin contact	No need for first aid is anticipated
Inhalation	Not applicable
Ingestion	No need for first aid is anticipated

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

No symptoms and effects are anticipated

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

Not applicable

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Suitable extinguishing media

Water, extinguishing powder, foam, carbon dioxide, sand.

5.2. Unsuitable extinguishing media

No information available

5.3. Specific hazard arising from the chemical

Very small amount of irritating vapour may be formed.

5.4. Special protective equipment and precautions for fire-fighters

No unusual fire or explosion hazards are anticipated

Use respiratory protection independent of recirculated air

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment, and emergency procedures

Not applicable

6.2. Environmental precautions

Not applicable

6.3. Methods and material for containment and cleaning up

Collect as much of spilled material as possible

6.4. Reference to other sections

Not applicable

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Spilled substance may increase risk of slipping

Precautions against fire and explosion:

Observe the general rules for fire prevention

7.2. Conditions for safe storage including any incompatibilities

Condition for storage room and vessel

None known

Advice for storage of incompatible materials

Not applicable

Further information for storage

Keep containers closed to avoid contamination. Store in a cool and dry place.

7.3. Specific and uses

Recommendations: normal room temperature and moisture levels are recommended for end user.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Silicon dioxid	TWA: 0.1 mg/m ³ respirable dust	TWA: 10 mg/m ³	none
Polydimethyl siloxane	None	None	none

Other exposure guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA 965 F 2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

8.2. Appropriate engineering controls

Engineering measures	showers
	Eyewash stations
	Ventilation systems

8.3. Individual protection measures, such as personal protective equipment

Eye/ face protection	Recommended protective goggles
Skin/ body protection	No special protective equipment required
Respiratory protection	No special protective equipment required
Hygiene measures	Avoid contact with eyes. Do not eat, drink, smoke when handling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Physical and chemical properties

Physical state	Semi solid
Appearance	Firm, mouldable, sandlike
Color	Natural sand color
Odor	Odorless
Odor threshold	No information available
pH	No data available
Melting/ freezing point	No data available
Boiling point	Not applicable
Flash point	> 200 C
Evaporation Rate	Not applicable
Flammability (solid/gas)	Not classified
Flammability limit in Air	
Upper flammability limit	Not applicable
Lower flammability limit	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	1.6 g/ml
Water solubility	Partly
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
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Explosive properties	Not applicable

Oxidizing properties

Not applicable

9.2. Other information

Softening Point

No data available

VOC Content

No data available

Particle size

No data available

Particle size distribution

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

This material is considered to be non reactive under normal use condition

10.2. Chemical stability

Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

Hazardous reactions or polymerizations will not occur.

10.4. Conditions to avoid

None known

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

None known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on the likely routes of exposure

Acute toxicity

Based on available data, no oral or dermal toxicity effects are to be expected after single exposure.

Inhalation

Based on available data, the effect is expected to be none respiratory sensitization.

Eye contact

Based on available data, mechanical eye irritation may occur.

Skin contact

Based on available data, the effect is expected to be none irritating.

Ingestion

Specific test data for the substance or mixture is not available.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Silicon dioxid	-	-	300 ug/m ³ /10 years
Polydimethyl siloxane	> 62.080 mg/kg (rat)	> 15.520 mg/kg (rat)	-

11.2. Information on toxicological effects

Symptoms No information available

11.3. Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available

Mutagenic effects No information available

Carcinogenicity No information available

Chemical Name	ACGIH	IARC	NTP	OSHA
Silicon dioxid	-	-	-	-
Polydimethyl siloxane	-	-	-	-

Reproductive toxicity No information available

STOT – single exposure No information available

STOT – repeated exposure No information available

Chronic Toxicity No known effect based on information supplied

Target Organ effect None known

Aspiration hazard No information available

11.4. Numerical measures of toxicity product information

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

SECTION 12: ECOLOGICAL INFORMATION

12.1. Ecotoxicity

Product is not harmful to aquatic organisms. The assessment is done upon the data given in the SDS for each substance/mixture used in the product.

12.2. Persistence and degradability

Product is not biodegradable. Separated by semimentation.

12.3. Bioaccumulative potential

Bioaccumulative potential is unlikely. The assessment is done upon the data given in the SDS for each substance/mixture used in the product.

12.4. Mobility in soil

Separated by semimentation

12.5. Results of the PBT and vPvB assessment

No known data

12.6. Other adverse effects

No information available

SECTION 13: DISPOSAL CONSIDERATIONS
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13.1. Waste treatment method

Material

Recommendation: Material that is not used and that cannot be recycled must be waste treated by an authorized company according to local regulations.

Uncleaned packaging

Completely discharge containers. Containers may be re-used or recycled. Observe local/state/federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

14.1-3. UN number; UN proper shipping name; transport hazard class(es);

14.4. Packing group

Not dangerous goods for ADR (road), RID (railway), IMDG (sea), and ICAO/IATA (flight)

14.5. Environmental hazard

No hazardous to the environment

14.6. Special precautions for user

Not classified as dangerous in the meaning of transport regulations. Relevant information in other sections have to be considered.

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

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance/mixture

National and local regulations must be observed.

For information on labeling, please refer to section 2 of this document.

15.2. Chemical safety assessment

No chemical safety assessment has been made for this product according to Regulation (EC) No. 1907/2006 (REACH).

SECTION 16: OTHER INFORMATION

Date of preparation	26-MAR-2013
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Disclaimer

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End of Safety Data Sheet