



Material Safety data sheet

Elektronik Silikone (20 Shore A)

Date / Revised: 13.09.2022
Product: **Elektronik Silikone (20 Shore A)**

Version: 1.0

EN

1. Identification

1.1. Product identifier

Elektronik Silikone (20 Shore A)

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

Relevant identified uses: Silicone for mould making

1.3. Details of the supplier of the safety data sheet

Company:
Heiss Development
Pramvej 7
8940 Randers SV
Denmark

Telephone: +45 86 42 26 26
E-mail address: info@makemake.dk
CVR No.: 39641259

1.4 Emergency telephone number

International emergency number:
Telephone: +49 180 2273-112

2. Hazards Identification

2.1. Classification of the substance or mixture

According to UN Regulation No. 1272/2008 [CLP/GHS]

Not a dangerous substance according to GHS.

2.2. Label elements

Globally Harmonized System (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

2.3. Other hazards



No information available.

3. Composition/Information on Ingredients

3.1. Substances

Not relevant

3.2. Mixtures

| Chemical Composition | CAS No. | EC# | Weight (%) |
|--|------------|-----------|------------|
| Siloxaner and silicones, dimethylhydroxyterminated | 63148-60-7 | --- | 20-40 |
| Poly(Dimethylsiloxan) | 9006-65-9 | --- | 30-40 |
| Silica | 14464-46-1 | 238-878-4 | 30-40 |

4. First-Aid Measures

4.1. Description of first aid measures

General information: Normal use does not require special measures, industrial production in the long term, refer to the following: Remove contaminated clothing.

After eye contact:

Flush eyes with plenty of water for 15 minutes while holding eyelids open. Do not rub eyes. If any, remove contact lenses. Get medical attention if irritation persists.

After skin contact:

Remove contaminated clothing and shoes. Immediately wash with water and soap and rinse thoroughly. Wash clothing and shoes before reuse. If irritation occurs, get medical attention.

After inhalation:

Move victim to fresh area. Administer artificial respiration if breathing is stopped. Seek medical attention.

After swallowing:

Do not induce vomiting. Get medical attention.

Information for doctor:

Indication of any immediate attention and special treatment needed

No further relevant information available.

5. Fire-Fighting Measures

5.1. Flammability

Non-flammabe

5.2. Suitable extinguishing agents

Use water spray, dry chemical, carbon dioxide.



5.3. Special hazards arising from the substance or mixture

Silicone oxide and carbon dioxide

5.4. Advice for fire-fighters

Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Use protective clothing. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

6.2. Environmental precautions

Do not let product enter drains.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Waste disposal method: Dispose contaminated material as waste according to item 13.

6.4. Additional information

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and Storage

7.1. Precautions for safe handling

Keep container tightly closed in a dry and well-ventilated place. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Information about fire and explosion protection:

The product is non-flammable.

7.2. Conditions for safe storage, including incompatibilities

Requirements to be met by storerooms and receptacles

Keep container tightly closed in a dry and well-ventilated place.

Hygroscopic Light sensitive.

Keep container tightly sealed.

7.3. Specific end use(s)

No further relevant information available.

8. Exposure Controls/Personal Protection

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:



No further relevant information available.

8.2. Exposure controls

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.

Respiratory Protection: Use suitable respirator when high concentrations are present.

Personal protection: Use tightly sealed goggles

Protection of hands: Use protective gloves (nitril or vinyl)

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

| | |
|--|-----------------------------|
| Appearance: | Milky white |
| Form: | Liquid |
| Odour: | Not available |
| pH value: | N/A |
| Melting point: | Not available |
| Boiling point: | Not available |
| Freezing point: | Not available |
| Flash point: | >100.0°C (closed container) |
| Flammability: | Non-flammable |
| Ignition temperature: | Not relevant |
| Vapour pressure: | Not available |
| Density: | Not available |
| Solubility in water: | Hardly soluble in water. |
| Partitioning coefficient n-octanol/water (log Kow): | Not relevant |



Self-igniting: not relevant

Upper/lower igniting limits: not relevant

Upper/lower explosion limits: not available

Decomposition temperature: not available

9.2. Other information

None

10. Stability and Reactivity

10.1. Reactivity

Data not available

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

Data not available

10.4 Conditions to avoid

Flames, sparks, and other sources of ignition, incompatible materials

10.5. Incompatible materials

Substances to avoid:
Strong oxidizing agents

Hazardous decomposition products

Silicon oxide and carbon dioxide

11. Toxicological Information

11.1. Information on toxicological effects

Acute toxicity

No further relevant information available.

Irritation

No further relevant information available.

Sensitization:

No further relevant information available.

Additional toxicological information:

No further relevant information available.



12. Ecological Information

12.1. Toxicity

Aquatic toxicity:

No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

No further relevant information available.

12.6. Other harmful effects

No further relevant information available.

12.7. Additional information

General notes: Do not allow material to be released to the environment without proper governmental permits.

13. Disposal Considerations

13.1. Waste treatment methods

Recommendations

Consult state, local or national regulations to ensure proper disposal.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport Information

14.1. UN Number

IATA, IMDG: None

14.2. Proper shipping name

IATA: IMDG: None

14.3. Transport hazard class(es)

IATA, IMDG: None



14.4. Packing group

IATA, IMDG: None

14.5. Environmental hazards

Marine pollutant: No

14.6. Special precautions for user

Not applicable

15. Regulatory Information

This material safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

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

| Component | CAS No. | TSCA | EC# | EINECS |
|--|------------|--------|-----------|------------|
| Siloxanes and silicones, dimethylhydroxyterminated | 63148-60-7 | Listed | --- | Not listed |
| Poly(dimethylsiloxane) | 9006-65-9 | Listed | --- | Not listed |
| Silica | 14464-46-1 | Listed | 238-878-4 | Listed |

15.2. Assessment of chemical safety

A chemical safety assessment (CSA) has not been carried out.

16. Other Information

Forklaring til forkortelser:

CLP: EU regulation (EC) No 1272/2008 on classification, labelling and packaging regulation (EC) Nr. 1272/2007 om klassificering, mærkning og pakning af kemiske stoffer og blandinger.

CAS: Chemical Abstracts Service (Division of the American Chemical Society).

ACGIH: American Conference of Governmental Industrial Hygienists

TLV: Threshold Limit Value

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

LC50: Lethal concentration, 50 percent kill

LD50: Lethal dose, 50 percent kill

TWA: Time Weighted Average

TSCA: United States Toxic Substances Control Act Section 8(b) Inventory

EINECS: European Inventory of Existing Commercial Chemical Substances

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

PBT: Persistent, Bioaccumulating and Toxic

PNEC-value: Predicted-No-Effect-Concentration

RRN: REACH Registration number



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vPvB: Very Persistent and very Bioaccumulating

Other uses should be discussed with the manufacturer.

If you have questions regarding this safety data sheet, its contents or other safety concerns regarding the product, please write to the following email address: info@makemake.dk

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