

Safety Data Sheet
acc. to OSHA HCS

09/30/2016

1 Identification

- *Product identifier*
- *Trade name: SERICITE MICA*
- *CAS Number:*
12001-26-2
- *EC number:*
310-127-6
- *Relevant identified uses of the substance or mixture and uses advised against* No further relevant information available.
- *Application of the substance / the mixture* Additive for cosmetic or pharmaceutical preparations
- *Details of the supplier of the safety data sheet*
- *Manufacturer/Supplier:*
TKB Trading, llc
1101 9th Avenue
Oakland, Ca 94606 USA
Telephone: 510-922-9027

2 Hazard(s) identification

- *Classification of the substance or mixture*



GHS08 Health hazard

Carc. 1A H350 May cause cancer.

- *Label elements*
- *GHS label elements* The substance is classified and labeled according to the Globally Harmonized System (GHS).
- *Hazard pictograms*



GHS08

- *Signal word* Danger
- *Hazard-determining components of labeling:*
Quartz (SiO₂)
- *Hazard statements*
H350 May cause cancer.
- *Precautionary statements*
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P308+P313 IF exposed or concerned: Get medical advice/attention.

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P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Substances**
- **CAS No. Description**
12001-26-2 Mica
- **Identification number(s)**
- **EC number:**
310-127-6
- **Dangerous components:**
14808-60-7 Quartz (SiO₂)

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
12001-26-2 Mica
PEL Long-term value: 20 mppcf ppm
<1% crystalline silica
REL Long-term value: 3* mg/m³
*respirable dust; containing < 1% quartz
TLV Long-term value: 3* mg/m³
*as respirable fraction
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.

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9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Like powder
Color:	Whitish
Odor:	Characteristic
Odour threshold:	Not determined.

· pH-value: Not applicable.

· Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

· Flash point: Not applicable.

· Flammability (solid, gaseous): Product is not flammable.

· Ignition temperature:

Decomposition temperature: Not determined.

· Auto igniting: Not determined.

· Danger of explosion: Product does not present an explosion hazard.

· Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· Vapor pressure: Not applicable.

· Density at 20 °C (68 °F): 2.5988 g/cm³ (21.687 lbs/gal)

· Relative density: Not determined.

· Vapour density: Not applicable.

· Evaporation rate: Not applicable.

· Solubility in / Miscibility with

Water: Insoluble.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

Dynamic: Not applicable.

Kinematic: Not applicable.

Organic solvents: 0.0 %

Solids content: 100.0 %

· Other information: No further relevant information available.

10 Stability and reactivity

· Reactivity

· Chemical stability

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· Possibility of hazardous reactions: No dangerous reactions known.

· Conditions to avoid: No further relevant information available.

· Incompatible materials: No further relevant information available.

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- *Hazardous decomposition products: No dangerous decomposition products known.*

11 Toxicological information

- *Information on toxicological effects*
- *Acute toxicity:*
- *Primary irritant effect:*
- *on the skin: No irritant effect.*
- *on the eye: No irritating effect.*
- *Sensitization: No sensitizing effects known.*
- *Additional toxicological information:*
- *Carcinogenic categories*
- *IARC (International Agency for Research on Cancer)*
14808-60-7 Quartz (SiO₂)
- *NTP (National Toxicology Program)*
14808-60-7 Quartz (SiO₂)
- *OSHA-Ca (Occupational Safety & Health Administration)*
Substance is not listed.

12 Ecological information

- *Toxicity*
- *Aquatic toxicity: No further relevant information available.*
- *Persistence and degradability No further relevant information available.*
- *Behavior in environmental systems:*
- *Bioaccumulative potential No further relevant information available.*
- *Mobility in soil No further relevant information available.*
- *Additional ecological information:*
- *General notes: Generally not hazardous for water*
- *Results of PBT and vPvB assessment*
- *PBT: Not applicable.*
- *vPvB: Not applicable.*
- *Other adverse effects No further relevant information available.*

13 Disposal considerations

- *Waste treatment methods*
- *Recommendation:*
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- *Uncleaned packagings:*
- *Recommendation: Disposal must be made according to official regulations.*

14 Transport information

- *UN-Number* *Not Applicable*
- *UN proper shipping name* *Not Applicable*

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- Transport hazard class(es) Not Applicable
- Packing group Not Applicable
- Environmental hazards:
- Marine pollutant: No
- Special precautions for user Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara
- Section 355 (extremely hazardous substances):
Substance is not listed.
- Section 313 (Specific toxic chemical listings):
Substance is not listed.
- TSCA (Toxic Substances Control Act):
14808-60-7 Quartz (SiO₂)
- Proposition 65
- Chemicals known to cause cancer:
14808-60-7 Quartz (SiO₂)
- Chemicals known to cause reproductive toxicity for females:
Substance is not listed.
- Chemicals known to cause reproductive toxicity for males:
Substance is not listed.
- Chemicals known to cause developmental toxicity:
Substance is not listed.
- Carcinogenic categories
- EPA (Environmental Protection Agency)
Substance is not listed.
- TLV (Threshold Limit Value established by ACGIH)
14808-60-7 Quartz (SiO₂)
- NIOSH-Ca (National Institute for Occupational Safety and Health)
14808-60-7 Quartz (SiO₂)
- GHS label elements The substance is classified and labeled according to the Globally Harmonized System (GHS).
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- Signal word Danger

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· **Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS: Product safety department**

· **Contact: purchasing@tkbtrading.com**

· **Date of preparation / last revision 07/28/2015 / -**

· **Abbreviations and acronyms:**

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

Carc. 1A: Carcinogenicity, Hazard Category 1A