



SAFETY DATA SHEET

SILICONE EMULSION

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: SILICONE EMULSION

Recommended use: Chemical for industrial

Manufacturer/Supplier: **MODERN CHEMICAL CO.,LTD.**
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2. HAZARDS IDENTIFICATION

Label elements

Pictogram



Signal word

Danger

Hazard statement(s)

- 1.) Causes skin irritation.
- 2.) May be fatal if swallowed and enters airways.
- 3.) May cause drowsiness or dizziness.
- 4.) Toxic to aquatic life with long lasting effects.
- 5.) Suspected to damaging fertility or the unborn child.

Precautionary statement(s)

- 1.) Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- 2.) Avoid release to the environment.



- 3.) IF SWALLOWED: call a doctor/physician. Do NOT induce vomiting.
- 4.) IF IN EYES: Rinse cautiously with water for 15 minutes.
- 5.) IF ON SKIN Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonym: N/A

Ingredients	% (w/w)	CAS NO.
SILICONE EMULSION	100	160875-66-1

4. FIRST AID MEASURES

- General advice:** In case of accident or if you feel unwell, consult a physician when symptoms persist or in any case contact your doctor for advice.
- Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- Skin contact:** Rinse with water and soap. Precaution, consult a physician if these symptoms persist.
- Eye contact:** In case of contact, Rinse with plenty of water for at least 15 minutes. If contact lenses, easy to do Continue rinsing. Get medical aid.
- Ingestion:** If swallow make vomiting include vomiting consult a physician. If these symptoms occur. Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Not relevant, No fire.

Unsuitable Extinguishing Media:

Not relevant, No fire.

Specific hazards arising from Chemicals:

Carbon oxide, silicone oxide, formaldehyde.

Special protective equipment for fire-fighters:

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.



6. ACCIDENTAL RELEASE MEAS

Precautions: Remove persons to safety and ventilate area. Avoid breathing vapor, contacting with skin, eyes or clothing.

Environmental precautions: Prevent entry into sewer and waterways.

Methods and Material for Containment and Clean Up:

Wear appropriate personal protective equipment, including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up.

7. HANDLING AND STORAGE

Precautions for Safe Handling & Product Transfer:

Avoid inhalation of vapour or mist. Do not swallow. Do not get in eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice.

Conditions for Safe Storage & Unsuitable Materials:

Keep in properly labeled containers. Store in accordance with the particular national regulations. Don not store with the following product types: Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No data available

Appropriate Engineering Controls: The product should only be used in ventilation hoods and fans.

Individual Protection Measures

Respiratory protection: Where air-filtering respirators are suitable.

Hand protection: Wear impervious chemical resistant gloves.

Eye protection: Avoid eye contact. Chemical type goggles should be worn. Do not wear contact lenses

Skin and body protections: Workers should be wash exposed skin several times daily with soap and water.

Soiled work clothing should be laundered or dry - cleaned.

Hygiene measures: Immediately change contaminated clothing. Apply skin-protective barrier cream.

Wash hands and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form, Color and Odor : liquid, White , odourless	Evaporation rate : N/A
Melting Point : N/A	Specific gravity : 0.980-1.000 g/cm ³



pH : N/A	Solubility in water : N/A
Boiling point : >35°C	Viscosity : < 100 mPa.s
Vapour pressure : N/A	Vapor density (air=1) : N/A
Lower explosive limits : N/A	Upper explosive limits : N/A
Auto-ignition temperature : N/A	Flash point: >101.1°C
Odour threshold: N/A	Flammability (solid, gas): N/A
Decomposition temperature: N/A	Solubility in other solvents: N/A
n-octanol/water partition coefficient (log P _{ow}): N/A	

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions.
Reactions:	Not classified as a reactivity hazard.
Possibility of Hazardous Reactions:	Can react with strong oxidizing agents. When heated to temperatures above 150 °C (300°F) in the presence of air. Trace quantities of formaldehyde may be released. Adequate ventilation is required.
Conditions to avoid:	No data available.
Materials to avoid:	Oxidizing agents.
Hazardous decomposition products:	formaldehyde.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	LD50 (Oral, rat): >500 mg/kg
Sensitization:	Causes serious eye irritation.
Chronic toxicity:	No data available.
Further toxicological information:	No data available.

12. ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish:	No data available.
Toxicity to daphnia and other aquatic invertebrates:	EC50 - Daphnia magan (Water flea), 48h: >10 -100 mg/l
Toxicity to algae:	EC50 - Desmodesmus subspicatus (green algae), 72h: >10-100 mg/l
Toxicity to bacteria:	No data available.
Biodegradability Remarks:	Readily biodegradable.



Bioaccumulative Potential: No data available.
Mobility: No data available.
Affected in any other way: No data available.

13. DISPOSAL CONSIDERATIONS

Material Disposal: Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an after burner and scrubber.

Container Disposal: Dispose of as unused product. Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

ADR/ADNR

Not dangerous goods

IMGD

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

GHS-Labeling

Hazard statement(s):

No data available

Precautionary statement(s):

No data available

R - phrase(s):

No data available

S - phrase(s):

No data available



16. Other Information

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