



Silicone elastomer gel
ETERBEAUTY SEG7221

ETERNAL MATERIALS CO., LTD.

2024/05/14

SAFETY DATA SHEET(SDS)

1.Chemical and Manufacturer Data

Product name:ETERBEAUTY SEG7221
Other names:Silicone elastomer gel
Recommended use of the chemical and restrictions on use:Cosmetics
Manufacturer or supplier's details,Company,Address,Telephone: Eternal Specialty Materials(Zhuhai)Co.,Ltd/307 petrochemical 9th Road, Gaolan port Economic Zone, Zhuhai, Guangdong/+86-756-3985888
Emergency contact person/telephone/fax:China.Tel:86-0512-68050026-133 Email: june_wang@eternal-group.com

2.Hazard Identification Data

Chemical hazard classification: Not a hazardous substance or mixture.
Marking content: Symbolic symbols: Flame Bomb burst Gas cylinder Health hazards Corrosion Environment Warning:Not a hazardous substance or mixture. Hazardous components:Not a hazardous substance or mixture. Hazard warning message:Not classified based on available information. Hazard prevention measures:Not classified based on available information.
Other hazards:None known.

3.Component Identification Data

Substance / Mixture:Mixture

Chemical property:Inert, Non reactive mixture.		
Hazardous ingredients	CAS No.	Concentration or concentration range (percentage of components)
N	N	N
Remarks:		

4.First aid measures

First aid measures for different exposure routes:

If inhaled:If inhaled, remove to fresh air. Get medical attention.

In case of skin contact:In case of contact, immediately flush skin with soap and plenty of water.

Remove contaminated clothing and shoes.

Get medical attention.

Wash clothing before reuse.

Thoroughly clean shoes before reuse.

In case of eye contact:Flush eyes with water as a precaution.

Get medical attention if irritation develops and persists.

If swallowed:If swallowed, DO NOT induce vomiting.

Get medical attention.

Rinse mouth thoroughly with water.

Most important symptoms and effects, both acute and delayed : None known.

Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential

for exposure exists.
Notes to physician:Treat symptomatically and supportively.

5. Fire Fighting Measures

Suitable extinguishing agent:	Chemical, foam or water mist used in case of fire. Carbon dioxide, dry chemicals or water mist can be used to cool containers exposed to fire.
Special hazards that may be encountered during fire fighting:	None
Special fire-fighting procedures:	Decide whether to evacuate or isolate the area according to the local emergency plan. Cool containers affected by fire with water.
Special protective equipment for firefighters:	When putting out fires involving chemicals, they should wear self-contained breathing apparatus and protective clothing.

6.Accidental Release Measures

Personal precautions, protective equipment and emergency procedures :	Remove all sources of ignition. Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.
Environmental precautions :	Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up:	Soak up with inert absorbent material. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.

Clean up remaining materials from spill with suitable absorbent.

Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.

7.Safe Disposal and Storage Methods

Handling: Use only with adequate ventilation.

Avoid inhalation of vapour or mist.

Do not swallow.

Avoid contact with eyes.

Avoid prolonged or repeated contact with skin.

Handle in accordance with good industrial hygiene and safety practice.

Take care to prevent spills, waste and minimize release to the environment.

Storage: Keep in properly labelled containers.

Store in accordance with the particular national regulations.

Do not store with the following product types: Strong oxidizing agents

8.Exposure Precautions

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Minimize workplace exposure concentrations.

Control parameters

Name	Eight hour daily average allowable concentration TWA	Short time hourly average allowable concentration STEL	Maximum allowable concentration CEILING	Biological indicators BEIs
N	N	N	N	N

Personal protective equipment:

Respiratory protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Eye/face protection: Wear the following personal protective equipment: Safety glasses
Skin and body protection: Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).
Hand protection Material:Chemical-resistant gloves
Hygienic measures:Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding the use of silicones / organic oils in consumer aerosol applications, please refer to the guidance document regarding the use of these type of materialsin consumer aerosol applications that has been developedby the silicone industry (www.SEHSC.com) or contact the Eternal customer service group.

9. Physical and Chemical Properties

Appearance (Material state, colour, etc):Translucent gel	Odour:No special smell
Odour Threshold :No data available	Melting point: No data available
Ph:No data available	Initial boiling point and boiling range No data available
Flammability (solid, gas):No data available	Flash point: 130.4°C
Decomposition temperature:No data available	Method:Seta closed cup
Auto-ignition temperature:No data available	Explosion limit: Not applicable
Vapour pressure:Not applicable	Relative vapour density:Not applicable
Relative density:No data available	Solubility(ies):No data available
Partition coefficient: noctanol/water	Evaporation rate:No data available

(log Kow):Not applicable

10.Stability and Reactivity

Chemical stability:Stable under normal conditions.
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Possible hazardous reaction under special conditions: Polymerization that will not cause harm

Conditions to avoid:None known.

Substance to avoid: Oxidizing agents

Hazardous decomposition products: carbon dioxide and trace incomplete combustion carbide, silicon dioxide, formaldehyde.

11.Toxicity data

Exposure route: Inhalation Skin contact Ingestion Eye contact.
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Symptom: No obvious adverse effect under normal use.
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Acute toxicity: Not classified based on available information.
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Chronic toxicity or long-term toxicity: No data available.
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12.Ecological Data

Ecotoxicity: It cannot predict harmful effects on aquatic organisms.
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Persistence and degradability: No degradability.
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Bioaccumulation: No biological accumulation capacity.

Mobility in soil: This product is a solid substance and does not contain water-soluble components of considerable concentration that may be filtered from this product, so it is harmless to terrestrial organisms.

Other adverse effects: No specific information.

13.Disposal Considerations

Disposal methods

Waste from residues :Dispose of in accordance with local regulations.

Contaminated packaging :Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.
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14.Transport Information

UN Number:Not regulated as a dangerous good.
UN Shipping Name: Not regulated as a dangerous good.
Transport hazard classification: Not regulated as a dangerous good.
Packing type: None
Marine pollutants (yes/no):No
Special transportation methods and precautions: IATA/ICAO: Not regulated as dangerous goods.

15.Regulatory Data

National regulatory information:Comply with all national regulations related to chemical transportation.
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16.Other Data

Reference	-	
Unit of tabulator	Name:Eternal Electronic(Su Zhou)Co.,Ltd R&D Center(Su Zhou)of Eternal Materials	
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Tabulator	Title: Researcher	Name: haowei Zhao
Tabulating date	2022/08/11	
Remarks	-	

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