

Safety Data Sheet (SDS)

Report No.:	E2412043015013
Date:	Dec.4.2024
Product Name:	Liquid Silicone Squishy Gel B
Applicant:	O Mer Design LLC
Supplier:	/
Trademark/Brand:	POURLA
Model:	/
Remark:	The SDS is prepared based on the information provided by client.

Hengwei Testing Technology(Huizhou) Co., Ltd.



1 Identification

Product Name: Liquid Silicone Squishy Gel B

Model: /

Company Name: O Mer Design LLC

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2 Hazards identification

GHS Classification

Specific Target Organ Toxicity - Repeated Exposure Category 2

GHS labeling elements, including precautionary statements

Hazard pictograms:



Signal word: Warning

Hazard statements:

H373 May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Precautionary statements

Prevention:

P260 Do not breathe dust/fume/gas/mist/vapours/spray

Response:

P314 Get medical advice/attention if you feel unwell.

Storage: Not applicable

Disposal:

P501 Dispose of contents/container to ...

3 Composition/information on ingredients

Component	CAS	Weight % content
polydimethylsiloxane	9006-65-9	55%
Polymethylhydrosiloxane	63148-57-2	40%
silicon dioxide (SiO ₂)	14464-46-1	5%

4 First-aid measures

Inhalation: Get out of the scene quickly to fresh air. Keep airway open. If breathing is difficult, give oxygen. If breathing stops, administer artificial respiration immediately. Seek medical attention.

Skin contact: Immediately remove contaminated clothing and rinse thoroughly with soapy water and water. Seek medical attention.

Eye contact: Immediately separate eyelids and rinse thoroughly with running water or saline. Seek medical attention.

Ingestion: Rinse mouth and do not induce vomiting. Seek immediate medical attention.

5 Fire-fighting measures

Extinguishing agents: Use water spray, dry powder, foam or carbon dioxide extinguishing agents to extinguish the fire.

Avoid using direct running water to extinguish the fire, which may cause splashing of combustible liquids and spread the fire.

Special hazards: No information available.

Firefighting precautions and protective measures: Firefighters must wear air-carrying breathing apparatus and full-body firefighting suits to extinguish the fire upwind.

Move the container from the fire to the open area as far as possible.

If the container in the fire scene has changed color or made a sound from the safety relief device, it must be evacuated immediately.

Isolate the accident scene and prohibit the entry of unrelated personnel. Take in and dispose of fire water to prevent pollution of the environment.

6 Accidental release measures

Worker protective measures, protective equipment and emergency disposal procedures.

It is recommended that emergency response personnel wear gas-carrying respirators, anti-static clothing, and rubber oil-resistant gloves.

Contact with or across the spill is prohibited.

Ground all equipment used during operation.

Disconnect the source of the spill if possible.

Eliminate all sources of ignition.

Delineate a cautionary area based on the area affected by liquid flow, vapor or dust dispersion, and evacuate

extraneous personnel to a safe area from the side and upwind direction.

Environmental protection measures.

Contain spills to avoid contaminating the environment. Prevent spills from entering sewers, surface water and groundwater.

Reception and removal methods of spilled chemicals and disposal materials used.

Small spills: Collect spilled liquid in a sealable container if possible.

Absorb with sand, activated carbon or other inert materials and move to a safe place. Flushing into sewers is prohibited.

Large spills: Construct an embankment or dig a pit to contain it. Seal drainage pipes.

Cover with foam to inhibit evaporation. Transfer to tanker or special collector with explosion-proof pump, recycle or transport to waste disposal site.

7 Handling and storage

Operating Precautions.

Prevent static charge build-up (e.g. by grounding).

Operators should be specially trained and strictly follow the operating procedures.

Operation and disposal should be carried out in places with local ventilation or full ventilation facilities.

Avoid eye and skin contact and inhalation of vapors.

See Part 8 for individual protective measures.

Keep away from fire and heat sources, no smoking in the workplace.

Use explosion-proof ventilation systems and equipment.

If tanking is required, the flow rate should be controlled and grounded to prevent static build-up.

Avoid contact with forbidden substances such as oxidizers (see Part 10 for forbidden substances).

Handle gently to prevent damage to packaging and containers.

Emptying the container may leave harmful substances.

Wash your hands after use and prohibit eating and drinking in the workplace.

Equip with appropriate variety and quantity of fire-fighting equipment and spill emergency treatment equipment.

Storage precautions: Store separately from strong oxidizers, strong bases, metals and food and feed. See chemical hazards. Keep cool. Strictly sealed. Ventilate along the ground.

8 Exposure controls/personal protection

Occupational exposure limits: No information available

Biological limits: No information available

Monitoring methods: GBZ/T 160.1 ~ GBZ/T 160.81-2004 Determination of toxic substances in workplace air (series of standards), EN 14042 Workplace air Guidance on procedures for assessing exposure to chemical or biological agents

Engineering controls.

Prevent the generation of smoke clouds! Strict management of the work environment!

Separation of the workplace from other workplaces is recommended.

Workplace is recommended to be separated from other workplaces. Operate confined to prevent leakage.

Strengthen ventilation.

Set up automatic alarm devices and accident ventilation facilities. Set up emergency evacuation channels and necessary lagging danger areas.

Set up red zone warning lines, warning signs and Chinese warning instructions, and set up communication and alarm systems.

Provide safety showers and eyewash equipment.

Individual protective equipment.

Respiratory protection: take ventilation, local exhaust ventilation or respiratory protection.

Hand protection: protective gloves, protective clothing.

Eye protection: Wear safety glasses or glasses protection combined with respiratory protection.

Skin and body protection: Wear toxic permeation resistant overalls.

9 Physical and chemical properties

Physical state: Liquid

Colour: White

Odour: Odorless

Melting point/freezing point: No information available

Boiling point or initial boiling point and boiling range: No information available

Flammability: No information available

Upper/ Lower explosion limits[% (v/v)]: Upper limit: No information available; Lower limit: No information available

Flash point: No information available

Auto-ignition temperature: No information available

Decomposition temperature: No information available

pH: No information available

Kinematic viscosity: No information available

Solubility: No information available

Partition coefficient: n-octanol/water (log value) : No information available

Vapour pressure: No information available

Density and/or relative density: No information available

Relative vapour density: No information available

Particle characteristics: Not applicable

10 Stability and reactivity

Stability: Stable

Hazardous Reactions: No information available

Conditions to avoid contact: Electrostatic discharge, heat, humidity, etc.

Prohibited Compound: No information available

Hazardous Decomposition Products: No information available

11 Toxicological information

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

STOT-single exposure: No data available

STOT-repeated exposure: No data available

Aspiration hazard: No data available

12 Ecological information

Ecotoxicity: No data

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

13 Disposal considerations

Waste chemicals: Dispose of in accordance with relevant national and local regulations, or contact the factory or manufacturer to determine the disposal method.

Contaminated packaging: Return container to manufacturer or dispose of in accordance with national or local regulations

Disposal Notes: Please refer to relevant national and local regulations before disposal

14 Transport information

Label

Transport Label: Not applicable

UN-Number

ADR/RID/ADN, IMDG, IATA : Not applicable

UN proper shipping name

ADR/RID/ADN, IMDG, IATA : Not applicable

Transport hazard class(es)

ADR/RID/ADN, IMDG, IATA : Not applicable

Packing group

ADR/RID/ADN, IMDG, IATA : Not applicable

Environmental hazards: No

15 Regulatory information

Regulatory information: ISO 11014-2009 Safety data sheets for chemical products - Contents and sequence of parts.

Regulation (EC) No. 1272/2008 Classification, labelling and packaging of substances and mixtures.

16 Other information

16.1 Release record

Date of issue / Date of revision : 2024.12.4

16.2 DISCLAIMER OF LIABILITY

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===== END OF REPORT =====