

Safety Data Sheet
According to Hazard Communication Standard (29 CFR 1910.1200)

Silicone Gum

Version 1.0

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SDS record number: CSSS-TCO-010-152329

1. Identification

Product name	Silicone Gum
Synonyms	-
CAS #	68083-18-1
Product code	XHG-110
Product use	Silicone rubber base material.
Manufacturer/Supplier	
Supplier(Manufacturer):	ZHEJIANG XINAN CHEMICAL INDUSTRIAL GROUP CO., LTD.
Address:	NO.1 XINAN BUILDING, JIANGBIN MIDDLE ROAD, JIANDE CITY, ZHEJIANG PROVINCE, P.R.CHINA
Contact person(E-mail):	siliconechina@163.com
Telephone:	+86-571-87214278
Fax:	+86-571-87215494
Emergency telephone Number:	+86-571-87214278

2. Hazard(s) identification

GHS classification	
Physical hazards	Not classified
Health hazards	Not classified
Environmental hazards	Not classified
GHS label elements	
Hazard Pictograms	No hazard pictogram is used.
Signal word	No signal word is used.
Hazard statement	Not applicable.
Precautionary statement	
Prevention	Not applicable.
Response	Not applicable.
Storage	Not applicable.
Disposal	Not applicable.

3. Composition / information on ingredients

Components	CAS#	Percent
methyl vinyl/di-methyl vinyl/vinyl terminated siloxane	68083-18-1	100 %

4. First-aid Measures

First aid procedures	
Eye contact	Immediately flush eyes with plenty of water, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.
Skin contact	Wash off with soap and plenty of water.
Inhalation	Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion	If large amounts were swallowed, give water to drink and get medical advice.
Notes to physician	Treat symptomatically and supportively.

5. Fire-fighting measures

Flammable properties	Not available.
Extinguishing media	
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry powder and carbon dioxide.
Unsuitable extinguishing media	Not available.
Firefighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Dispose of contaminated extinction water according to official regulations.
Hazardous combustion products	Carbon oxide, Silicon dioxide.

6. Accidental release measures

Personal precautions	Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions	Do not let large amount of product enter drains.
Methods for cleaning up	Absorb and shovel into suitable containers. Keep in suitable, closed and properly labelled containers for disposal.

7. Handling and storage

Handling	Ensure good ventilation/exhaustion at the workplace. Wash thoroughly after handling.
Storage	Keep the container tightly closed and store in a cool, dry, well-ventilated place. Opened containers must be carefully resealed and kept in a vertical position to prevent leakage.

8. Exposure controls / personal protection

Occupational exposure limits	This substance has no PEL, TLV, or other recommended exposure limit.
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls:	Use in a well-ventilated area.
Individual protection measures, such as personal protective equipment:	
Eye / face protection	Using proper protective safety glasses is the minimum requirement.
Skin protection	Wash hands before eating and after work. Impervious clothing, The type of protective equipment must be selected based on the concentration and amount of the dangerous substance in the specific workplace.
Respiratory protection	No respiratory protection equipment is required.
General hygiene considerations	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

9. Physical and chemical properties

Appearance	
Physical state	Gel
Form	Gel
Color	Colorless and transparent
Odor	Slightly
Odor threshold	Not available
pH	Not available
Vapor pressure	Not available
Melting point/Freezing point	Not available

initial boiling point and boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Explosion limits	Not available
Vapor density	Not available
Density	0.965g/mL(25°C)
Solubility (water)	Not available
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Specific gravity	Not available
Flammability limits in air, upper, %by volume	Not available
Flammability limits in air, lower, % by volume	Not available
VOC	Not available
Percent volatile	Not available
Other data	
Viscosity	Not available
Upper/lower explosive limits	Not available
Surface tension	Not available

10. Stability and reactivity

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxide, Silicon dioxide.
Possibility of hazardous reactions	No dangerous reactions known.

11. Toxicological information

Toxicokinetics, metabolism and distribution:

Non-human toxicological data: Not available

Information on toxicological effects:

Acute toxicity:

LD50(Oral, Rat):	> 15440 mg/kg
LD50(Dermal, Rabbit):	> 15440 mg/kg
LC50(Inhalation, Rat):	Not available
Skin corrosion/Irritation:	Not classified.
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

12. Ecological information

Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability:	Not available.
Bioaccumulative potential:	Not available.
Mobility in soil:	Not available.
Results of PBT&vPvB assessment:	Not available.
Other adverse effects:	No known significant effects or critical hazards.

13. Disposal considerations

Disposal instructions	Dispose of contents/container in accordance with local/regional/national/international regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Basic shipping requirements:

UN number	Not regulated
Proper shipping name	Not regulated
Hazard class	Not regulated
Packing group	Not regulated
Environmental hazards	No

IATA

UN number	Not regulated
UN proper shipping name	Not regulated
Transport hazard class(es)	Not regulated
Packing group	Not regulated
Environmental hazards	No

IMDG

UN number	Not regulated
UN proper shipping name	Not regulated
Transport hazard class(es)	Not regulated
Packing group	Not regulated
Environmental hazards	No

15. Regulatory information

US federal regulations

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

16. Other information, including date of preparation or last revision

HMIS® ratings

Health: 0

Flammability: 1

Physical hazard: 0

NFPA ratings

Health: 0

Flammability: 1

Instability: 0

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

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