

Safety Data Sheet for Chemicals

Prepared in accordance with GB/T 17519

Methyl vinyl silicone rubber XHG-110

encode:
XHG-110-MSDS (CN) -05

Version number:
3.1

expiration date:
3 years

Date of revision:
2024-08-15

Part 1 Identification of Chemicals and Companies

1.1	Product Name:	XHG-110 Methyl vinyl silicone rubber XHG-110
1.2	Company Profile:	
	Manufacturer/Supplier Name:	Zhejiang Xin'an Chemical Group Co., Ltd
	Address:	Xin'an Building, No.1 Jiangbin Middle Road, Xin'anjiang Street, Jiande City, Zhejiang Province, China
	Telephone Number:	+86-0571-64002151
	Website:	http://www.wynca.com
1.3	Product restricted use	The material has been developed and manufactured for non-medical applications only. For medical use, use after safety testing the product and confirming it is safe. Never use for human applications, such as implantation, dipping, or where residue may remain in the body.

Part 2 Hazard overview

2.1	GHS Hazard Categories	According to the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS), this product is non-hazardous
2.2	Elements of Labeling	
2.3	Physical and chemical hazards:	None
2.4	Health hazards:	No significant effects from short exposure
2.5	Environmental hazards:	Do not predict harmful effects on aquatic organisms

Part 3 Composition/Composition Information

3.1	The Main components:		
	Components	Concentration range (w/w)	CAS No.
	Polydimethylmethylvinyl siloxane	≥98.5	68083-18-1
	Volatile matte	≤1.5	----
3.2	Hazardous Components: None		

Part 4 First Aid Measures

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4.1	First Aid	
	Inhalation:	Do not require first aid.
	Skin contact:	Do not require first aid.
	Eye contact:	Rinse immediately with plenty of water, and seek medical attention if tingling persists.
	To ingest:	Give several small amounts of water, do not induce vomiting. Seek medical attention.
4.2	Advice for protecting the rescuer:	No data available
4.3	Special tips for doctors:	No data available

Part 5 Fire control measures

5.1	Extinguishing Agents:	Extinguish the fire with water mist, dry powder, foam, sand, or carbon dioxide.
5.2	Especially dangerous:	Exposure to burning ash can be a health hazard
5.3	Precautions for Fighting Fires And protective measures:	Decide if you need to evacuate or isolate the area according to the local emergency plan. Cool the container affected by the fire with water. When extinguishing a fire involving chemicals, wear a self-contained breathing apparatus, a face shield, and a full-body protective gown.

Part 6 Emergency Response to Leaks

6.1	Protective measures, protective equipment and emergency response procedures for operators:	Protect the accident area, wear personal protective equipment, and keep unprotected personnel away. Decide if you need to evacuate or isolate the area based on the local emergency plan. Cool containers affected by the disaster with water.
6.2	Environmental protection measures:	Keep materials out of surface water, drains or sewers, and outside soil. Seal leaks where there is no danger. Intercept contaminated water/fire extinguishing water. Discharge in containers marked for indication. Notify functional authorities if product leaks into surface water, sewer or soil.
6.3	Methods of containment and removal of leaked chemicals and disposal materials used:	Construct embankments or dig pits for containment. Cover with foam to reduce vapor hazards. The explosion-proof pump is transferred to a tanker or a special collector for recycling or transportation to a waste disposal site for disposal.

Part 7 Operation handling and storage

7.1	Precautions for operation:	Apply adequate ventilation and exhaust equipment. Do not take internally. Practice good industrial hygiene and wash after handling, especially before
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		eating or smoking.
7.2	Storage precautions:	Store in a cool, well-ventilated special warehouse room, away from fire, heat, strong acid, strong alkali, oxidizing materials storage.
7.3	Unsuitable packaging materials:	Undetermined.

Part 8 Contact Control/Personal Protection

8.1	Occupational Exposure Limits:	Undetermined.
8.2	Biological limits:	Undetermined.
8.3	Engineering Controls:	Ventilation and exhaust equipment, eye washers.
8.4	Personal protective equipment:	
	Respiratory protection:	A personal respirator mask is generally not required.
	Hand protection:	No special protection is required.
	Eye protection:	Protective eyewear is recommended.
	Skin and body protection:	No special protection required. Wash well before meals and after work.

Part 9 Physical and Chemical Properties

9.1	Appearance and Properties:	Colorless transparent gelatinous liquid
9.2	Relative density (water in 1):	0.98
9.3	Melting point:	Undetermined
9.4	Boiling point:	Not applicable
9.5	Flash Points:	Not applicable
9.6	Explosion upper/lower limit:	Not applicable
9.7	Saturated vapor pressure (20 °C):	Not applicable
9.8	pH:	Not applicable
9.9	Relative vapor density:	No data available
9.10	Octanol/water partition coefficient:	No data available

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9.11	Spontaneous combustion temperature:	No data available
9.12	Decomposition temperature:	No data available
9.13	Flammability:	Not applicable
9.14	Viscosity(mpa.s):	≥1000W
9.15	Solubility:	Not applicable
Note: The above information is for reference only, if you need product information, please contact Zhejiang Xin'an Chemical Group Co., LTD.		

Part 10 Stability and reactivity

10.1	Stability:	The material is stable under normal conditions.
10.2	Dangerous reactions:	No hazardous reactions have been observed during storage and handling if applicable codes of practice are followed.
10.3	Conditions to avoid contact:	Unknown
10.4	Forbidden Ingredients:	Strong oxidizer
10.5	Dangerous breakdown products:	Carbon dioxide, trace amounts of incomplete burned carbides, silicon dioxide, metal oxides.

Part 11 Toxicological Information

11.1	Acute Toxicity:	No data available
11.2	Skin irritation or corrosion:	No data available
11.3	Eye irritation or corrosion:	No data available
11.4	Respiratory or skin allergies:	No data available
11.5	Germ cell mutation:	No data available
11.6	Carcinogenicity:	No data available
11.7	Reproductive toxicity:	No data available
11.8	Specific target organ system toxicity (single exposure)	No data available
11.9	Specific target organ	No data available

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	system toxicity (repeated exposure)	
11.10	Inhalation hazards:	No data available

Part 12 Ecological Information

12.1	Ecotoxicity:	Assessment based on ecotoxicological tests of similar products, taking into account physicochemical properties: there will be no class-related effects on aquatic organisms for this product. No adverse effects on wastewater treatment equipment as far as is known.
12.2	Persistence and degradability:	Silicone content: Not biodegradable. Sedimentation separation.
12.3	Potential bioaccumulation:	Polymer components: No harmful effects occur.
12.4	Migration in soils:	Silicone content: Insoluble in water.

Part 13 Waste Disposal

13.1	Waste chemicals:	Recycle as much as possible, and if it cannot be recycled, refer to the relevant national and local regulations before disposal.
13.2	Contamination packaging:	National and local regulations should be referred to before disposal.
13.3	Precautions for waste disposal:	Before disposal of waste should refer to the relevant national and local regulations.

Part 14 Transportation Information

14.1	United Nations Dangerous Goods Number (UN Number):	Not applicable
14.2	United Nations transport Name:	Not applicable
14.3	United Nations Hazard Classification:	Not applicable
14.4	Marine pollutants (yes/no):	No
14.5	Shipping considerations:	It is strictly prohibited to mix with peroxide, rain should be prevented during transportation, and stay away from fire, heat source and high temperature area during stopover. Transport vehicles should be equipped with the corresponding variety and quantity of fire equipment and leakage emergency treatment equipment.

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Part 15 Regulatory information

15.1	Applicable Regulations:	GB/T 16483 "Chemical Safety Technical Specification content and project sequence" GB/T 17519 "Guidelines for the Preparation of Chemical Safety Technical Instructions" GB 12268 "List of Dangerous Goods" GB 15258 "Regulations on the Preparation of Chemical Safety Labels"
15.2	Status of international registration:	
	IECSC(List of Existing Chemical Substances in China):	All components are listed or exempted.
	AICS (Australian Catalogue of Chemical Substances) :	All components are listed or exempted.
	DSL (Directory of Chemical Substances within Canada) :	No qualification.
	PICCS ((Philippine Catalogue of Chemicals and chemical Substances) :	All components are listed or exempted.
	TSCA (Toxic Substances Control Act) :	All chemical ingredients in this article are listed in the TSCA Chemical Substances Catalog or have been granted an exemption from the TSCA Chemical Substances Catalog.
	ENCS (List of Existing and New Chemical Substances in Japan) :	All components are listed or exempted.
	EINECS (European Catalogue of Existing Chemicals) :	All components are listed or exempted.
	KECI ((List of Existing Chemical Substances in Korea) :	All components are listed or exempted.

Part 16 Other Information

16.1	Other instructions:	The information given in this document is based on the latest knowledge available to us at the time of revision. They do not constitute a guarantee of the characteristics of the product within the meaning of legal warranties.
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		The provision of this document does not relieve the purchaser of the product of its responsibility to take care of and comply with the laws and regulations in force in relation to the product, in particular in the case of the continued resale of the product or the use of mixtures or products produced by it in other jurisdictions, and in particular with regard to the protection of the rights and interests of third parties.
		If the described product has been processed or mixed with other materials, the information given in this document shall no longer apply to the new product as made, unless otherwise stated.
		When repackaging the product, it is the buyer's responsibility to attach the necessary safety-related information.
		This information is not a product description, but is intended to provide an idea of representative value. No warranty, confession or implication is made in this information. Recommended industrial health and safety handling procedures generally apply. Each user should read the recommendations for the intended use of this product before use and decide if they are applicable.