

^{: 67762-95-2}

CAS-No.

Safety Data Sheet

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Name	Product identifier	%	GHS-US classification
(Epoxycyclohexylethyl)methylsiloxane-dimethylsiloxane copolymer	(CAS-No.) 67762-95-2	> 95	Eye Irrit. 2A, H319
Octamethylcyclotetrasiloxane	(CAS-No.) 556-67-2	< 3	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Eye Irrit. 2B, H320 Repr. 2, H361 Aquatic Chronic 4, H413

Full text of hazard classes and H-statements : see section 16

3.2. Mixtures	
Not applicable	
SECTION 4: First-aid measures	
4.1. Description of first aid measure	es
First-aid measures general	: Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Wash with plenty of soap and water. Get medical advice/attention.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, i present and easy to do. Continue rinsing. Get medical advice/attention.
First-aid measures after ingestion	: Never give anything by mouth to an unconscious person. Get medical advice/attention.
4.2. Most important symptoms and	effects (acute and delayed)
Symptoms/effects after inhalation	: No information available.
Symptoms/effects after skin contact	: May cause skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: No information available.
	nd special treatment, if necessary
No additional information available	וע סייביות וויבתוווכות, וו ווכנכססמו א
SECTION 5: Fire-fighting measu	res
5.1. Suitable (and unsuitable) extin	guishing media
Suitable extinguishing media	: Water spray. Water fog. Foam. Carbon dioxide. Dry chemical.
Unsuitable extinguishing media	: None known.
5.2. Specific hazards arising from t	he chemical
Fire hazard	: Irritating fumes and organic acid vapors may develop when material is exposed to elevated
	temperatures or open flame.
5.3. Special protective equipment a	ind precautions for fire-fighters
Firefighting instructions	: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed
	containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Avoid all eye and skin contact and do not breathe vapor and mist.
SECTION 6: Accidental release r	neasures
6.1. Personal precautions, protectiv	ve equipment and emergency procedures
6.1.1. For non-emergency personnel	
Protective equipment	: Wear protective equipment as described in Section 8.
Emergency procedures	
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
6.2. Environmental precautions	
Prevent entry to sewers and public waters.	Notify authorities if liquid enters sewers or public waters.
6.3. Methods and material for conta	inment and cleaning up
For containment	 Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Clean up any spills as soon as possible, using an absorbent material to collect it.

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ECTION 7: Handling and storage 1. Precautions for safe handling ecautions for safe handling : Avoid all eye and skin contact and do not breathe vapor and mist. Use only in well ventil areas. righen measures : Wash contaminated clothing before reuse. Wash hands and other exposed areas with m soap and water before eating, drinking or smoking and when leaving work. 2. Conditions for safe storage, including any incompatibilities orage conditions : Keep container tightly closed. Store in a cool area. Store in a dark area. compatible materials : Annines. Ovidizing agent. to arge area : Store in a well-ventilated place. Store area way from heat. ECTION 8: Exposure controls/personal protection 1. Control parameters Octamethylocyclotetrasitoxane (556-67-2) AllHA WEEL TWA (ppm) 10 ppm 2. Appropriate engineering controls scroal protection measures/Personal protective equipment areand protection: erronal protection: individual protection: erronal protection: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any pot oppose. and protection: individual protection: esprintory protection: indindical properties t			
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opearance : Clear liquid. olecular mass : 18000 - 20000 g/mol			
olor : No data available			
dor : No data available			
dor threshold : No data available			
efractive index : 1.409	shold		
: No data available		: No data available	

Auto-ignition temperature

Flammability (solid, gas)

Decomposition temperature

Melting point

Boiling point

Flash point

Freezing point

Relative evaporation rate (butyl acetate=1)

: No data available

: No data available

No data availableNo data available

: < -60 °C

: > 205 °C : > 110 °C

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Vapor pressure	: No data available		
Relative vapor density at 20 °C	: No data available		
Relative density	: 0.99		
% Volatiles	: <5%		
Solubility	: Insoluble in water.		
Log Pow	: No data available		
Log Kow	: No data available		
Viscosity, kinematic	: 650 - 850 cSt		
Viscosity, dynamic	: No data available		
Explosive properties	: No data available		
Oxidizing properties	: No data available		
Explosion limits	: No data available		
9.2. Other information			
No additional information available			
SECTION 10: Stability and reactivity			
10.1. Reactivity			
No additional information available			
10.2. Chemical stability			
Stable.			
10.3. Possibility of hazardous reactions			
No additional information available			
10.4. Conditions to avoid			
Heat. Open flame. Sparks.			
10.5. Incompatible materials			
Amines. Oxidizing agent.			
10.6. Hazardous decomposition products			
Organic acid vapors. Silicon dioxide.			
SECTION 11: Toxicological informati	on		
11.1. Information on toxicological effects			
Acute toxicity	: Not classified		
Octamethylcyclotetrasiloxane (556-67-2)			
LD50 oral rat	1540 mg/kg RTECS Number: GZ4397000		
LD50 dermal rat	1770 mg/kg		
LD50 dermal rabbit	794 µl/kg		
LC50 inhalation rat (mg/l)	36 g/m ³ (Exposure time: 4 h)		
ATE US (oral)	1540 mg/kg body weight		
ATE US (dermal)	1770 mg/kg body weight		
ATE US (vapors)	36 mg/l/4h		
ATE US (dust, mist)	36 mg/l/4h		
Skin corrosion/irritation	: Not classified		
Serious eye damage/irritation	: Causes serious eye irritation.		
Respiratory or skin sensitization	: Not classified		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
	None of the components in this product at concentrations >0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.		
Reproductive toxicity	: Not classified.		
Specific target organ toxicity – single exposure	: Not classified		
Specific target organ toxicity – repeated exposure	: Not classified		
Aspiration hazard	: Not classified		

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Symptoms/effects after inhalation : No information available.		
Symptoms/effects after skin contact : May cause skin irritation.		
Symptoms/effects after eye contact : Causes serious eye irritation.		
Symptoms/effects after ingestion	: No information available.	
SECTION 12: Ecological information		
12.1. Toxicity		
Octamethylcyclotetrasiloxane (556-67-2)		
LC50 fish 1	> 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)	
LC50 fish 2	> 1000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)	
12.2. Persistence and degradability		
No additional information available		
12.3. Bioaccumulative potential		
Octamethylcyclotetrasiloxane (556-67-2)		
BCF fish 1	12400	
Log Pow	5.1	
12.4. Mobility in soil		
No additional information available		
12.5. Other adverse effects		
Effect on the ozone layer	: No additional information available	
SECTION 13: Disposal consideration	8	
13.1. Disposal methods	5	
Sewage disposal recommendations	: Do not dispose of waste into sewer.	
Product/Packaging disposal recommendations	: Incinerate. Dispose in a safe manner in accordance with local/national regulations.	
Ecology - waste materials	: Avoid release to the environment.	
SECTION 44. Transport information		
SECTION 14: Transport information		
14.1. UN number Not regulated for transport.		
14.2. UN proper shipping name		
Not applicable		
14.3. Additional information		
Other information	: No supplementary information available.	
Transport by coo		
Transport by sea No additional information available		
Air transport No additional information available		
SECTION 15: Regulatory information		
15.1. US Federal regulations		
Octamethylcyclotetrasiloxane (556-67-2)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a final TSCA section 4 test rule.	
(Epoxycyclohexylethyl)methylsiloxane-dimethylsiloxane copolymer (67762-95-2)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
45.2 International requilations		
15.2. International regulations		
CANADA		

Octamethylcyclotetrasiloxane (556-67-2)

Listed on the Canadian DSL (Domestic Substances List)

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L	(Epoxycycionexylet	nyi)metnyisiloxan	e-dimethyisiloxane co	opolymer (67762-95-2)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Octamethylcyclotetrasiloxane (556-67-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Octamethylcyclotetrasiloxane (556-67-2)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

- Listed on INSQ (Mexican National Inventory of Chemical Substances)
- Listed on CICR (Turkish Inventory and Control of Chemicals)

(Epoxycyclohexylethyl)methylsiloxane-dimethylsiloxane copolymer (67762-95-2)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

Full text of H-phrases::	
H226	Flammable liquid and vapor
H302	Harmful if swallowed
H312	Harmful in contact with skin
H319	Causes serious eye irritation
H320	Causes eye irritation
H361	Suspected of damaging fertility or the unborn child
H413	May cause long lasting harmful effects to aquatic life
	Concentration; ATE: Acute Toxicity Estimates; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; TG: Test Guideline; NIOSH: National Institute for Occupational Safety and Health; IARC: International Agency for Research on Cancer; NTP: National Toxicology Program; HMIS: Hazardous Material Information System; CAS No.: Chemcial Abstract Service Registration Number; EC No.: European Commission Registration Number; EC Index No.: European Commission Index Number; OECD: The Organisation for Economic Co-operation and Development; GHS: The Globally Harmonized System of Classification and Labelling; APF: Assigned Protection Factor.
Hazard Rating Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
Prepared by safety and environmental affa	irs.

Date of issue: 10/30/2014 Revision date: 01/22/2018 Version: 2.0

SDS US (GHS HazCom 2012) - Custom

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Safety Data Sheet

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