



Safety Data Sheet according to GB/T 16483 and GB/T 17519

LOCTITE 263 BO250MLCH

Page 1 of 16 .
Material No.: 2982625
V001.6
Revision: 08.04.2025
printing date: 18.08.2025

1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE 263 BO250MLCH

Intended use: Anaerobic Adhesive

Manufacturer/Importer/Distributor Representative Company

Henkel Adhesive Technology (Shanghai) Co., Ltd.
Room 105, 2B (Building 1), No. 928, Zhangheng Road, China (Shanghai) Pilot Free Trade Zone
201204 Pudong New Area, Shanghai, P.R.China

China

Phone: +86 (21) 2891 8000
Fax-no.: +86 (21) 2891 5137
E-mail: ap-ua-psra.china@henkel.com

Revision date: 08.04.2025
Emergency Telephone for Chemical Accidents: +86 21 2891 8311 (24h).

2. Hazards identification

EMERGENCY OVERVIEW:

RedRed, AcrylicAcrylic, liquid, Causes skin irritation.Causes serious eye irritation.May cause an allergic skin reaction.May cause respiratory irritation.Toxic to aquatic life.Toxic to aquatic life with long lasting effects.

Classification of the substance or mixture according to GB 30000.1 (Specification for classification and labelling of chemicals—Part 1 : General rules):

<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Target organ</u>
Skin corrosion/irritation	Category 2	
Serious eye damage/eye irritation	Category 2A	
Skin sensitizer	Category 1	
Specific target organ toxicity - single exposure	Category 3	respiratory tract irritation
Acute hazards to the aquatic environment	Category 2	
Chronic hazards to the aquatic environment	Category 2	

Label elements according to GB 15258 (General rules for preparation of precautionary label for chemicals):

Hazard pictogram:



Signal word: Warning

Hazard statement:	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H411 Toxic to aquatic life with long lasting effects.
Prevention:	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves, eye protection, and face protection.
Response:	P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage.
Storage:	P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.
Disposal:	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Physical and chemical hazards:

Based on current information, there are no physical or chemical hazards.

Health hazards:

Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause respiratory irritation.

Environmental hazards:

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

3. Composition / information on ingredients
--

Substance or Mixture:

Mixture

Declaration of the ingredients according to GB 30000.1:

Hazard component CAS-No.	Content	GHS Classification
3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	30- < 50 %	Skin corrosion/irritation 2 H315 Serious eye damage/eye irritation 2A H319 Skin sensitizer 1B H317 Specific target organ toxicity - single exposure 3 H335 Acute hazards to the aquatic environment 2 H401 Chronic hazards to the aquatic environment 2 H411
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	2.5- < 10 %	Skin sensitizer 1B H317 Acute hazards to the aquatic environment 3 H402
2-Hydroxyethyl methacrylate, ethoxylated 25736-86-1	1- < 2.5 %	Acute hazards to the aquatic environment 3 H402
[2-[(2-Methyl-1-oxoallyl)oxy]ethyl] hydrogen maleate 51978-15-5	0.1- < 1 %	Skin corrosion/irritation 1B H314 Serious eye damage/eye irritation 1 H318 Skin sensitizer 1 H317
maleic anhydride 108-31-6	0.001- < 0.0025 %	Acute toxicity 4; Oral H302 Acute toxicity 5; Dermal H313 Skin corrosion/irritation 1B H314 Serious eye damage/eye irritation 1 H318 Respiratory sensitizer 1 H334 Skin sensitizer 1A H317 Specific target organ toxicity - repeated exposure 1; Inhalation H372 Acute hazards to the aquatic environment 3 H402

Only hazardous ingredients for which a classification according to GB 30000.1 is already available are displayed in this table. For full text of the Hazard statements see section 16 "Other information".

4. First aid measures

Description of necessary first-aid measures:

Skin contact:

Immediately flush skin with plenty of water (using soap, if available).
Remove contaminated clothing and footwear.
Wash clothing before reuse.
Get medical attention.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get medical attention.

Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion:	DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.
Most important symptoms/effects, acute and delayed:	The most important known symptoms and effects are described in chapters 2 and/or 11.
Indication of any immediate medical attention and special treatment needed, if necessary:	Post-exposure treatment should focus on controlling the patient's clinical symptoms and signs.

5. Fire fighting measures

Suitable extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Fire-fighting method:	In case of fire, keep containers cool with water spray.
Special hazards arising from the substance or mixture:	Oxides of carbon, oxides of nitrogen, irritating organic vapors.
Special protective actions for fire-fighters:	Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers. Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Avoid skin and eye contact. See advice in section 8
Environmental precautions:	Do not allow product to enter sewer or waterways.
Methods and materials for containment and cleaning up:	Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up as much material as possible. Store in a partly filled, closed container until disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

7. Handling and storage

- Precautions for safe handling:** Use only with adequate ventilation.
Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling.
Keep container closed.
Refer to Section 8.
- Hygiene measures:** Do not eat, drink, smoke or take snuff while working.
Wash thoroughly after handling.
Keep absolute tidiness at the working place. Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care.
- Conditions for safe storage, including any incompatibilities:** Storage at 8 to 28°C is recommended.

8. Exposure controls / personal protection

Controls parameters:

Occupational Exposure Limits:

Hazardous components CAS-No.	GBZ 2.1-2019	ACGIH	NIOSH	OSHA
maleic anhydride 108-31-6	2 mg/m ³ PC-STEL 1 mg/m ³ PC-TWA	0.01 mg/m ³ TWA Inhalable fraction and vapor.	none	none

- Biological Exposure Indices:** no data available
- Engineering controls:** Ensure good ventilation/extraction.
- Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.
- Eye protection:** Safety goggles or safety glasses with side shields.
Full face protection should be used if the potential for splashing or spraying of product exists.
Safety showers and eye wash stations should be available.
- Body protection:** Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.
Neoprene gloves.
- Hand protection:** Chemical-resistant protective gloves (EN 374).
Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):
nitrile rubber (NBR; ≥ 0.4 mm thickness)
Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):
nitrile rubber (NBR; ≥ 0.4 mm thickness)
This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

9. Physical and chemical properties

Physical state:	liquid	Appearance:	RedRed
Evaporation rate:	Not available.	Odor:	AcrylicAcrylic
pH:	Not applicable, Product is non-polar/aprotic.	Melting point:	Not available.
Boiling point:	> 150 °C (> 302 °F)	Density:	1.10 g/ml
Vapor density:	1	Vapor pressure:	Not available.
Flash point:	150 °C (302 °F)	Ignition temperature:	Not available.
Lower explosive limit:	Not available.	Upper explosive limit:	Not available.
Solubility in water	Not available.	Viscosity:	440.0 - 560.0 mPa.s > 20.5 mm ² /s
Auto-ignition temperature:	Not available.	Flammability:	Not available.
Octanol / water distribution coefficient:	Not applicable, Mixture	Decomposition temperature:	Not applicable, Substance/mixture is not self-reactive, no organic peroxide and does not decompose under foreseen conditions of use
VOC:	Bulk adhesive Acrylate Assembly Industry < 200 g/kg, GB 33372-2020 Limit of volatile organic compounds content in adhesive, Cured with activator under Nitrogen or Vacuum for 24hr.		

10. Stability and reactivity

Reactivity:	Strong oxidizing agents. Reducing agents. Peroxides. Heavy metals. Strong bases. Free radical initiators. Strong acids and strong bases. Oxygen scavengers. Other polymerization initiators.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	See section reactivity.
Conditions to avoid:	Elevated temperatures. Heat, flames, sparks and other sources of ignition. Store away from incompatible materials.
Incompatible materials:	See section reactivity.
Hazardous decomposition products:	Oxides of carbon. Oxides of nitrogen. Irritating organic vapours.

11. Toxicological information

General toxicological information:

No laboratory animal data available.

Acute oral toxicity:

3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	Value type	LD0
	Value	> 5,000 mg/kg
	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)
3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	Value type	LD50
	Value	10,837 mg/kg
	Species	rat
	Method	not specified
2-Hydroxyethyl methacrylate, ethoxylated 25736-86-1	Value type	Acute toxicity estimate (ATE)
	Value	> 5,000 mg/kg
	Species	
	Method	Expert judgement
maleic anhydride 108-31-6	Value type	LD 50
	Value	465 mg/kg
	Species	Mouse
	Method	
maleic anhydride 108-31-6	Value type	LD 50
	Value	900 mg/kg
	Species	Albino Sprague-Dawley rat
	Method	
maleic anhydride 108-31-6	Value type	LD 50
	Value	1,050 mg/kg
	Species	Albino Sprague-Dawley rat
	Method	
maleic anhydride 108-31-6	Value type	LD50
	Value	1,090 mg/kg
	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)

Acute dermal toxicity:

3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	Value type	LD0
	Value	> 2,000 mg/kg
	Species	rat
	Method	OECD Guideline 402 (Acute Dermal Toxicity)
3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rat
	Method	OECD Guideline 402 (Acute Dermal Toxicity)
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	Value type	Acute toxicity estimate (ATE)
	Value	> 5,000 mg/kg
	Species	
	Method	Expert judgement
2-Hydroxyethyl methacrylate, ethoxylated 25736-86-1	Value type	Acute toxicity estimate (ATE)
	Value	> 5,000 mg/kg
	Species	
	Method	Expert judgement
maleic anhydride 108-31-6	Value type	LD 50
	Value	> 631 mg/kg
	Species	Albino rabbit
	Method	
maleic anhydride 108-31-6	Value type	LD 50
	Value	> 398 mg/kg
	Species	Albino rabbit
	Method	

maleic anhydride 108-31-6	Value type	LD50
	Value	2,620 mg/kg
	Species	rabbit
	Method	not specified

Acute inhalative toxicity:

2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	Value type	Acute toxicity estimate (ATE)
	Value	28.17 mg/l
	Exposure time	
	Species	
	Method	Expert judgement
2-Hydroxyethyl methacrylate, ethoxylated 25736-86-1	Value type	Acute toxicity estimate (ATE)
	Value	> 5 mg/l
	Exposure time	
	Species	
	Method	Expert judgement
maleic anhydride 108-31-6	Value type	LC 50
	Value	> 4.35 mg/l
	Exposure time	1 h
	Species	Mouse
	Method	
maleic anhydride 108-31-6	Value type	LC 50
	Value	> 4.35 mg/l
	Exposure time	1 h
	Species	Rat
	Method	

Skin corrosion/irritation:

2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	Result	not irritating
	Exposure time	24 h
	Species	rabbit
	Method	Draize Test
maleic anhydride 108-31-6	Result	highly irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	Result	not irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
maleic anhydride 108-31-6	Result	corrosive
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	Result	sensitising
	Test type	Mouse local lymphnode assay (LLNA)
	Species	mouse
	Method	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	Result	sensitising
	Test type	Mouse local lymphnode assay (LLNA)
	Species	mouse
	Method	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
maleic anhydride 108-31-6	Result	sensitising
	Test type	Guinea pig maximisation test
	Species	guinea pig
	Method	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	Result	negative
	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	Result	negative
	Type of study / Route of administration	in vitro mammalian cell micronucleus test
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 487 (In vitro Mammalian Cell Micronucleus Test)
maleic anhydride 108-31-6	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
maleic anhydride 108-31-6	Result	negative
	Type of study / Route of administration	inhalation
	Metabolic activation / Exposure time	
	Species	rat
	Method	OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	NOAEL 1,000 mg/kg	oral: gavage	28 d daily	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	NOAEL 1,000 mg/kg	oral: gavage	daily	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
maleic anhydride 108-31-6	NOAEL 40 mg/kg	oral: feed	90 d daily	rat	not specified

Aspiration hazard:
No data available.

12. Ecological information

General ecological information:

Do not empty into drains / surface water / ground water.

Toxicity:

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Value type	Value	Exposure time	Species	Method
3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	LC50	1.9 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	LC50	16.4 mg/l	96 h	Danio rerio	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-Hydroxyethyl methacrylate, ethoxylated 25736-86-1	LC50	> 10 - 100 mg/l	96 h	not specified	OECD Guideline 203 (Fish, Acute Toxicity Test)
maleic anhydride 108-31-6	LC50	75 mg/l	96 h	Lepomis macrochirus	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (aquatic invertebrates):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Value type	Value	Exposure time	Species	Method
3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	EC50	14.43 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
maleic anhydride 108-31-6	EC50	77 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity (aquatic invertebrates):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Value type	Value	Exposure time	Species	Method
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	NOEC	32 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Value type	Value	Exposure time	Species	Method
3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	EC10	0.43 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	EC50	> 100 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	NOEC	18.6 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
maleic anhydride 108-31-6	EC50	29 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
maleic anhydride 108-31-6	EC10	23 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity (microorganisms):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Value type	Value	Exposure time	Species	Method
maleic anhydride 108-31-6	EC10	44.6 mg/l		Pseudomonas putida	DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)

Persistence and degradability

Hazardous components CAS-No.	Result	Test type	Degradability	Exposure time	Method
3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	not readily biodegradable.	aerobic	16.8 %	28 d	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	readily biodegradable	aerobic	85 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
2-Hydroxyethyl methacrylate, ethoxylated 25736-86-1	readily biodegradable		> 60 %	28 day	OECD 301 A - F
maleic anhydride 108-31-6	readily biodegradable	aerobic	98 %	7 d	OECD Guideline 301 E (Ready biodegradability: Modified OECD Screening Test)

Bioaccumulative potential

Mobility in soil:

Hazardous components CAS-No.	LogPow	Temperature	Method
3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	5.25	20 °C	OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)
2,2'-Ethylenedioxydiethyl dimethacrylate 109-16-0	2.3		OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)
maleic anhydride 108-31-6	-2.61	19.8 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

Endocrine disrupting properties

No data available.

Other adverse effects

No data available.

13. Disposal considerations

Product disposal:

Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

14. Transport information

Road transport CN_DG:

Class: 9
Packing group: III
Classification code:
Hazard ident. number:
UN no.: 3082
Label: 9
Technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (3,3,5-Trimethylcyclohexyl methacrylate)

Marine transport IMDG:

Class: 9
Packing group: III
UN no.: 3082
Label: 9
EmS: F-A ,S-F
Seawater pollutant: Marine pollutant
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (3,3,5-Trimethylcyclohexyl methacrylate)

Air transport IATA:

Class:	9
Packing group:	III
Packaging instructions (passenger):	964
Packaging instructions (cargo):	964
UN no.:	3082
Label:	9
Proper shipping name:	Environmentally hazardous substance, liquid, n.o.s. (3,3,5-Trimethylcyclohexyl methacrylate)

Further information for transport:

The transport classifications in this section apply generally to packed and bulk goods alike. For containers with a net volume of no more than 5 L for liquid substances or a net mass of no more than 5 kg for solid substances per individual or inner package, the exemptions SP 375 (ADR), A197 (IATA), 2.10.2.7 (IMDG), NZ 4.3(10) may be applied, which can result in a deviation from the transport classification for packed goods.

Notice For Transportation:

Transport according to local and national regulations. Ensure containers will not leak, collapse, or being damaged when transported. DO NOT transport with incompatible materials. Transportation vehicle should be equipped with right fire-fighting equipment in case of emergency. Avoid solarization, drenched and high temperature when transported.

15. Regulatory information

The following laws and regulations lay down provisions in terms of chemicals safety use, storage, transportation, loading/unloading, classification as well as symbol.

“Law of the People's Republic of China on Work Safety”.

Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases”.

“Law of the People's Republic of China on environmental protection”.

“Regulation on the Safety Management of Hazardous Chemicals”.

“Regulations on License to Work Safety”.

China Inventory of Existing Chemicals:

All components are listed or are exempt from Inventory of Existing Chemical Substances in China.

16. Other information

Issue date:	18.08.2025
Issue department:	Product Safety & Regulatory Affairs for China
RSN No.:	000000818836

Disclaimer:

This Safety Data Sheet has been generated in accordance with Chinese law only. It provides information on the chemical product in the aspects of safety, health, environment, etc, recommending preventive and protective measures and countermeasures in case of emergency. The information contained herein does not constitute a guarantee concerning the properties of the material. No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance. This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties. The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

Others:

The full text of all abbreviations indicated by codes in this safety data sheet section 3 are as follows:

H302 Harmful if swallowed.
H313 May be harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H372 Causes damage to organs through prolonged or repeated exposure if inhaled.
H401 Toxic to aquatic life.
H402 Harmful to aquatic life.
H411 Toxic to aquatic life with long lasting effects.