



Material safety data sheet

Trimethyl Hydroxy Acrylate SW525

Section 1 IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY

Product Name: Trimethyl Hydroxy Acrylate SW525

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SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Trimethyl Hydroxy Acrylate SW525

Material: mixture

SDS No: CSSS-TCO-010-151417

CAS No.: -

EINECS : -

Purity: 100%

SECTION 3 - HAZARDS IDENTIFICATION

Classification of mixture

Regulation (EC) No1272/2008	
Hazard category	H code
Acute toxicity	H302
Acute toxicity	H310
Skin corrosion	H314
Skin sensitization	H317
Eye damage	H318

GHS logo



Cautionary

Dangerous

Hazard warning messages

H302-Harmful if swallowed

H310-Harmful in contact with skin

H314-Causes serious eye damage

H317-May cause skin irritation



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Hazard prevention measures

Prevention	P260-Do not breathe dust/spray P262-Avoid getting in eyes, contact with skin and clothing P264-Wash hands thoroughly after work P270-Do not eat or smoke while working
Response measure	P302 P352 P362 P364-If the skin is contaminated, wash with plenty of soap and water. P333 P313-Seek medical attention if it causes skin inflammation or rash
Disposal	P501-Handled according to regional regulations

SECTION 4 - FIRST AID MEASURES

Ingestion:

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Skin contact:

Wash immediately with soap and a lot of water.

Eye contact:

Rinse immediately with plenty of water for at least 15 minutes. Obtain medical attention immediately.

Inhalation:

Remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms.

SECTION 5 - FIRE FIGHTING MEASURES

Fire Extinguishing Media:

Foam, Carbon dioxide

Fire Fighting Procedures:

Firefighters, and others exposed, wear self-contained breathing apparatus. Wear full firefighting protective clothing. See MSDS Section 8 (Exposure Controls/Personal Protection).

Other Explosion Hazards:

In the event of fire it can be released: CO, CO₂, SO_x

SECTION 6 - ACCIDENTAL RELEASE MEASURES Personal precautions:

Limit duration and extent of exposure. Avoid contact with the skin and the eyes. For personal protection see section 8. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental Precautions:

Must not get into the soil, sewerage systems and surface water. In the event of Contamination, notify the responsible authorities.

Methods for cleaning up:

Soak up with inert absorbent material(e.g. sand, silica gel, acid binder, universal binder, sawdust).

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SECTION 7 - HANDLING and STORAGE

Handling:

Handle and open container with care. Avoid contact with skin and eyes. Provide emergency eye-rinse and shower for entire body. Do not eat or drink near the area of application. Use only in a well-ventilated room. Use exhauster devices. Limit duration and extent of exposure. Keep away from heat and sources of ignition. Avoid overheating. Do not smoke.

Storage:

Keep container tightly closed in a dry and well-ventilated place. Store in the original container at room temperature. Containers of precious steel(316), polyethylene, polypropylene. Use PTFE seals. Keep away from oxidizing agents. Keep away from food, drink and animal feeding stuffs. Product must be kept and stored in such a way that it does not present a hazard to people's health and the environment.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Measures:

Utilize a closed system process where feasible.

Where this material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure.

Respiratory protection:

This should be achieved by a good general extraction and –if practically feasible-by the use of a local exhaust ventilation.

Eye protection:

Face shield or goggles
Tightly fitting safety goggles

Skin Protection:

Wear closed work/protective clothing. When working outside a closed system, additionally put on aprons made of polyethylene.

Hand Protection:

Protective gloves

Additional advice:

Use only in area provided with appropriate exhaust ventilation.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Color	Colorless to yellowish
Odor	Slightly
TG	168
Viscosity	50-80cps
Melting point	<-60℃
Boiling point	200.32℃
Flash point	101℃
Water absorption	2.4
vapor pressure (20℃)	<0.1hpa
Density	1098.05kg/m ³ (30.1℃)



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Clarification	Soluble in organic solvents,Not soluble in cold/cooked water
Dynamic viscosity	450-650mPas

SECTION 10 - STABILITY AND REACTIVITY **Stability:** Stable

Material to Avoid: Keep away from oxidizing agents in order to avoid exothermic reactions.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicological Tests

Other Information: No data available

Experiences form usage: No data available

General Remarks: Other dangerous properties cannot be excluded. Harmful by inhalation, in contact with skin and if swallowed.

SECTION 12 - ECOLOGICAL INFORMATION

PBT/vPvB assessment: No PBT/vPvB

Endocrine disrupting properties: No endocrine disrupting properties

SECTION 13 - DISPOSAL CONSIDERATIONS

Recommendation for The Product:

Do not discharge product unmonitored into the environment. Must be disposed of as hazardous waste according to the national legal regulations. Can be incinerated when in compliance with local regulations.

Recommendations for Packing:

Packaging that cannot be cleaned should be disposed of like the product.

Recommended Cleaning Agent

Industrial cleaning agent

Additional Advice:

The allocation of waste key numbers must be conducted according to specific industrial sectors and processes.

SECTION 14 - TRANSPORT INFORMATION

	UN	IMDG	IATA
UN No.	unregulated	unregulated	unregulated
shipping name	-	-	-
Classification of transportation hazards	-	-	-
Package Classification	-	-	-
Note	Always transported in upright fixed closed containers Dispensing in accordance with MARPOL 73/78 Annex II and IBC regulations		

SECTION 15 - REGULATORY INFORMATION

Specific safety, health and environmental regulations for the substance or mixture



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Authorization Information	not applicable
Restricted information	not applicable
Other EU regulations	Trained personnel only
Chemical safety assessed	

SECTION 16 - ADDITIONAL INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.