

DALIAN F.T.Z. GREAT INDUSTRY&TRADE CO., LTD.

ADD: 1207A HUIWENG BUILDING DALIAN F.T.Z.CHINA

TEL: 0086-411-3955-2835 FAX: 0086-411-3926-6880

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Alternative Name	(Methyldimethoxysilypropyl)methacrylate
Manufacturer/Supplier	DALIAN F.T.Z.GREAT INDUSTRY & TRADE CO.LTD.
Address	1207A HUIWENG BUILDING DALIAN F.T.Z. CHINA
Telephone Number	0086-411-39552835
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2. COMPOSITION AND INFORMATION ON COMPONENTS

Name	3-Methacryloxypropylmethyl dimethoxysilane	Other Organosilanes	Hydroquinone Monomethyl ether
CAS Number	14513-34-9	Not determined	Not determined
%	>98	<10	<500ppm
TLV	Not determined	Not determined	Not determined

3. HAZARDS IDENTIFICATION

Eye Contact	Will cause immediate or delayed severe eye irritation.
Skin Contact	May produce irritation or contact dermatitis which may be delayed several hours. Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effect
Inhalation	Inhalation of vapors or particulates may irritate the respiratory tract. Overexposure may produce coughing, headache and nausea.
Note	This compound liberates small quantities of methanol by hydrolysis.

4. FIRST AID MEASURES

Eye	In case of contact, immediately flush eyes with flowing water for at least 15 minutes. Get medical attention.
Skin	Flush with water, then wash with soap and water.
Inhalation	Move exposed individual to fresh air. Call a physician
Ingestion	Never give fluids or induce vomiting if patient is unconscious or having convulsions. Get medical attention.

Note to Physician	This product reacts with water in the acid contents of the stomach to form methanol. The combination of visual disturbances, metabolic acidosis and formic acid in urine is evidence of methanol poisoning. The therapeutic intravenous administration of ethanol (10 mls/hour) allows methanol to be preferentially oxidized and reduces production of methanol metabolites. Acidosis must be treated with intravenous administration of sodium bicarbonate and methanol elimination may be increased by hemodialysis, as indicated. Treatment should be based on blood methanol levels and acid-base balance.
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5. FIRE FIGHTING MEASURES

Extinguishing Media	Water spray, foam, carbon dioxide, dry chemical
Special Fire Fighting Procedures	Avoid eye and skin contact. Do not breathe fumes or inhale vapors.
Unusual Fire and Explosion Hazards	Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.
Protective Equipment	Wear self-contained breathing apparatus and protective clothing
Hazardous Product of combustion	Carbon monoxide, carbon dioxide, silicon oxide, irritating and toxic fumes and gases.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection	Avoid inhalation or contact of spilled material with skin or clothing. Wear protective equipment including rubber gloves and eye protection. Keep unprotected persons away.
Environmental Protection	May be hazardous to aquatic life if released to open waters. Take precautions to ensure product does not contaminate the ground or enter the drainage system.
Collection	Cover spill with absorbent material. Transfer to a suitable container for disposal
Recommended Disposal	May be incinerated. Alternately, absorb onto clay or vermiculite and dispose of absorbent material as solid waste. Follow all chemical pollution control regulations.

7. HANDLING AND STORAGE

Handling	Chemical should be used only by those trained in handling potentially hazardous materials, rubber gloves, eye protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.
Storage	Store in sealed containers in the dark at 0-5°C. Product reacts with water. Take precautions to avoid contact with atmospheric moisture.

8. EXPOSURE VONTROLS AND PERSONAL PROTECTION

Ventilation	Local exhaust is recommended. Mechanical is recommended.
Respiratory Protection	If exposure exceeds TLV air-supplied or combination organic vapor acid gas respirator.
Eye and Face Protection	Chemical worker mask goggles. Do not wear contact lenses.
Other clothing and Equipment	Rubber, neoprene or nitrile gloves. An eyewash and emergency shower should be available. Launder clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTILES

Appearance & Color	Clear to straw liquid with mild acrid odor
Molecular Formula	C ₁₀ H ₂₀ O ₄ Si
Formula Weight	235.69
Flash Point COC	88°C
Boiling Point	65°C at 0.35 mmHg
Special Gravity	1.0
Vapor Denstiy (air=1)	>1
Volatiles (%)	N/A
Freezing Point	< 0°C
Vapor Pressure	Not determined
Solubility in water	Insoluble, reacts
Evaporation rate	N/A
Flammability Limits-LEL	N/A
Flammability Limits-UEL	N/A
Autoignition Temp	N/A
Other	N/A

10. STABILITY AND REACTIVITY

Stability	Stable in sealed containers stored in the dark at 0-5°C. Polymerization can occur when stored at elevated temperature.
Conditions to avoid	Combustible; avoid contact with heat, sparks or open flame.
Incompatibility (materials to avoid)	Reacts with water and moisture in air liberating methanol.
Hazardous Decomposition Product	Organic and vapors, methanol.

11. TOXICOLOGICAL INFORMATION

Oral Toxicity	Not determined
Chronic Toxicity	There are no known chronic effects related to this compound

12. ECOLOGICAL EFFECTS

General	Take care to prevent chemicals from entering the ground, water course or drainage systems.
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13. DISPOSAL CONSIDERATIONS

Recommended Disposal	May be incinerated. Alternately, absorb onto clay or vermiculite and dispose of absorbent material as solid waste. Follow all chemical pollution control regulations. Disposal should be via an approved contractor and should take full account of local regulations.
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14. TRANSPORT INFORMATION

DOT SHIPPING NAME	AVIATION REGULATED LIQUID, N.O.S.
DOT HAZARD CLASS	NONE
DOT LABEL	AVIATION REGULATED LIQUID
DOT ID No.	UN3334

15. REGULATORY INFORMATION

CAS Number	14513-34-9
Other	Not determined

16. OTHER INFORMATION

Hmis Codes Health	3
Flammability	2
Reactivity	1