

ACETOXY SILICONE SEALANT

MATERIAL SAFETY DATA SHEET(MSDS)

According to EC directive
91/155/EEC and subsequent amendments

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade name : Acetoxy Silicone Sealant

Company: Kater Import&Export Co.,Ltd.

No.1904,L3 Building,Dongximen,Furong District
Changsha,Hunan,China

Emergency phone number: Tel.: 0086 731 89870167

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Use of the substance / preparation : adhesive, binding agents



2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Silicone elastomer

Hazardous ingredients:

Name	CAS-NO.	conc. (% w/w)	Classification
Methyltriacetoxysilane	4253-34-3	< % 4	R14
Ethyltriacetoxysilane	17689-77-9	1%-5%	R34
Silicondioxide	112926-00-8	80%-85%	R22

3. HAZARDS IDENTIFICATIONS

Not hazardous according to Council Directive 1999/45/EC and its subsequent amendments.

4. FIRST AID MEASURES

- On contact with eyes** : Flush with water.
On skin contact : Flush with water.
If inhaled : Remove to fresh air.
On ingestion : No first aid should be needed.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media : Carbon dioxide, foam, dry powder or fine water spray. Water can be used to cool fire exposed containers.

Unsuitable extinguishing media: None know.

Hazards during fire fighting : None know.

Special protective equipment/procedures: A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after the fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.

Hazardous Combustion Products : Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear proper protective equipment.
- Precautions to protect the environment** : Do not allow large quantities to enter drains or surfaces waters.
- Methods for cleaning up** : Scrape up and place in container fitted with a lid. The spilled product produces an extremely slippery surface.

7. HANDLING AND STORAGE

- Advice on safe handling** : General ventilation is recommended. Local ventilation is recommended. Avoid skin and eye contact .
- Advice on storage** : Do not breathe vapour. Do not store with oxidizing agents. Keep container closed and store away water or moisture.
- Specific uses** : Refer to technical data sheet available on request.
- Unsuitable packaging materials** : None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls : Ventilation : Refer to Section 7

Exposure controls for hazardous components

Name	CAS-No.	Exposure Limits
Methyltriacetoxysilane	4253-34-3	10 ppm TWA (CH ₃ COOH) 25 mg/m ³ TWA (CH ₃ COOH)

Personal protection equipment

- Respiratory protection** : Suitable respiratory protection should be worn if the product is used in large quantities ,confined spaces or in other circumstances where the OEL may be approached or exceeded.
A full-face mask is recommended.
Recommended Filter type: AXE
The choice of a filter type depends on the amount and type of chemical being handled in the workplace. Regarding filter characteristics,contact you respiratory protection supplier.
- Eye protection** : Safety glasses should be worn.
- Skin protection** : Protective equipment is not normally necessary.
- Hygiene protection** : Exercise good industrial hygiene practice.Wash after handling, especially before eating, drinking or smoking.
- Environmental exposure Control** : Refer to section 6 and 12.
- Additional information** : These precautions are for room temperature handling. Uses at elevated Temperature or aerosol/spray applications may require added

precautions

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Paste Odour : Acetic acid

Important health , safety and environmental information

Explosive properties : No

Specific Gravity : 0.98

Oxidizing properties : No

The above information is not intended for use in preparing product specifications

10. STABILITY AND REACTIVITY

Stability : Stable under normal usage conditions.

Conditions to avoid : None established.

Materials to avoid : Can react with strong oxidising agents. Cures in the presences of water or moisture, releasing a small amount of acetic acid.

Hazardous decomposition products: See section 11. If this product is heated to > 150 degree C, traces quantities of formaldehyde may be realeased ,and adequate ventilation is required.

11. TOXICOLOGICAL INFORMATION

On contact with eyes : Vapours released during curing may cause eye irritation.

On skin contact : Can react with strong oxidising agents. Cures in the presence of water or Moisture, releasing a small amount of acetic acid.

If inhaled : The vapour is irritating to the mounth ,nose and throat.

On ingestion : Small amounts transferred to the mounth by fingers during use should not Injure. Swallowing large amounts may cause digestive discomfort.

Other Health Hazard : This product contains (a) powder(s) hazardous by inhalation. This is not Information relevant to the current physical form of the product, which is not in a Respirable form.

12. ECOLOGICAL INFORMATION

Enviromental fate and distribution

Solid material, insoluble in water. No adverse effects are predicted.

Ecotoxicity effects

No adverse effects on aquatic organisms are predicted.

Bioaccumulation : No bioaccumulation potential.

Fate and effects in waste water treatment plants

No adverse effects on bacteria are predicted.

13. DISPOSAL CONSIDERATION

- Product disposal : Dispose of in accordance with local regulations. According to the European Waste Catalogue. Waste Codes are not product specific, but application specific. Waste Codes should be assigned by the users, preferably in discussion with the waste disposal authorities.
- Packaging disposal : Dispose of in accordance with local regulations. Waste codes should be assigned by the users, preferably in discussion with the waste disposal authorities.

14. TRANSPORT INFORMATION

Road / Rail (ADR/RID)

YES

Sea transport (IMDG)

YES

Air transport (IATA)

YES

15. REGULATORY INFORMATION

Labelling according to EEC Directive

S-phrases : S24 Avoid contact with skin.
S51 Use only in well-ventilated areas.

National legislation/ regulations

Ozone depleting chemicals : No ozone depleting chemicals are present or used in Manufacture.

Status

EINECS : All ingredients listed or exempt.

