



MATERIAL SAFETY DATA SHEET – MSDS

According to (EC) No 1907/2006 REACH

Date of print: 8/12/2013

Kali5000 100% High Quality Acetic Silicone

Revision Date: 8/2013

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1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade name : KALI5000 High Quality Acetoxy Silicone Sealant

Company name: Kater Adhesives Industrial Co., Ltd

Street: Shunjing Road, Songxia Industrial Park, Songgang Town

City Foshan

State Guangdong

Country China

Zip code 528234

Emergency Phone number: +86 757 85200225

Kater_silicones@188.com

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)
Methyltriacetoxysilane	4253-34-3	< 3%
Ethyltriacetoxysilane	17689-77-9	1%-3%
Silicon dioxide	112926-00-8	98%

3. HAZARDS IDENTIFICATIONS

Not hazardous according to Council Directive 1907/2006 REACH and its subsequent amendments.

4. FIRST AID MEASURES

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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 use: Refer to technical data sheet available on request.

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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 your 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

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Explosive properties: No

Specific Gravity: 0.98g/cm³

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 mouth, 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 Information: This product contains (a) powder(s) hazardous by inhalation. This is not 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.

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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

<u>Road / Rail (ADR/RID)</u>	NOT REGULATED
<u>Sea transport (IMDG)</u>	NOT REGULATED
<u>Air transport (IATA)</u>	NOT REGULATED

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.

EINECS : All ingredients listed or exempt.

16. OTHER INFORMATION

This product safety data sheet was prepared in compliance with Commission Directive 91 / 155 / EEC, 67 / 548 / EEC and 1999 / 45 / EC as well as their relevant amendments, on the

approximation of laws, regulations and ministrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with Commission Directive 1999/45/EC.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge.

As stated above, the Safety Data Sheet has been prepared in compliance with applicable European law. Please note that the appearance and content of the SDS may vary –even for the same product – between different countries, reflecting the different compliance requirements. SDS may vary – even for the same product – between different countries, reflecting the different compliance requirements.