MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

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Montague Gardens, 7441		Toll-free No.	0800 222 400
Cape Town		Website	www.alcolin.com

TRADE NAME	**ALCOLIN K86 SILICONE SEALANT**	Chemical abstract no.	Mixture
Chemical family	Silane based adhesive	NIOSH no.	Unknown
Chemical name	Mixture	Hazchem code	Unknown
Synonyms	None	UN no.	Unknown

2. COMPOSITION / INFORMATION OF INGREDIENTS

Ingredient	CAS No.	Approx. (%)	Hazard Classification & Risk Phrases
Petroleum distillates, hydrotreated light	64742-47-8	<30	Xn, R65
Ethiltriacetoxisilane	17689-77-9	<5	C, R14, R34

3. HAZARDS IDENTIFICATION

Main hazard:	Irritant to eyes and skin
Health effects: Eyes	Irritant to eyes
Health effects: Skin	Irritant on skin
Health effects: Ingestion	Harmful if swallowed
Health effects: Inhalation	Harmful by inhalation

4. FIRST- AID MEASURES

Product in eyes	Remove any contact lenses from the eyes before rinsing thoroughly with plenty of water (lift eye lids). Rinse for at least 15 minutes. Seek medical attention if any discomfort continues
Product on skin	Wash skin with soap and water – do not use solvents! Seek medical attention if irritation persists
Product ingested	Induce vomiting! Seek a medical examination immediately and present this MSDS. A suspension of activated charcoal in water, or liquid paraffin may be administered.
Product inhaled	Ventilate premises and move patient to fresh air. Seek medical attention if nausea symptoms persist

5. FIRE-FIGHTING MEASURES

Extinguishing media	Water, dry chemical powder, foam, carbon dioxide or sand
Special hazards	In case of fire, hazardous combustion-gases are formed – CO. Toxic vapours may be released. Under certain conditions of combustion traces of other toxic substances cannot be excluded. Flammable vapours may form explosive mixture with air.
Protective clothing	In case of fire, wear respiratory protection such as NIOSH approved breathing equipment

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear NISOH approved self contained breathing apparatus. Spill surface may be slippery
Environmental precautions	Avoid contamination of ground and water surfaces
Small spills	If recovery is not feasible, absorb with dry sand, soil or non-reactive absorbent material or coagulate by sprinkling sodium chloride over the spill. If product has dried, scrape off the ground. Place in a container suitable for disposal
Large spills	Stop leak if without risk. Ventilate area. Prevent entry into drains or sewers. Clean as per small spills

7. HANDLING AND STORAGE

Suitable material	Steel container, lined with polyethylene or polypropylene, polyethylene, PVC containers
Storage precautions	Keep product in a sealed container at temperatures between 5 and 30°C. Avoid heat, sparks, open flames and static charge.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limits	(ACGIH) Ethiltriacetoxisilane TLV TWA: 10ppm, 25g/m^3
Engineering controls	Provide good ventilation when handling large quantities. No special measures are required if stored and handled as above. Ventilation must be explosive proof
Respiratory Protection	Not required under normal conditions of use in a well-ventilated space
Hand Protection	Rubber gloves should be used if there is a risk of direct contact onto skin
Eye Protection	Safety glasses
Skin Protection	Observe the usual precautions when handling chemicals. Remove soiled or soaked clothing immediately
Other Protection	Wash hands at the end of each work shift and before eating

9. PHYSICAL PROPERTIES

- Appearance — Variable coloured paste
- Odour — Acetic
- pH — 4
- Flash point — 105°C
- Density (g/cm^3 @ 20°C) — Approx 0.96

10. STABILITY AND REACTIVITY

Conditions to avoid	Stable under normal conditions of use. Avoid temperature extremes: < 5°C and above 30°C
Incompatible materials	None indicated
Hazardous decomposition products	None indicated

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	LD50	Dermal	Rabbit 2001 mg/kg
	LD50	Oral	Rat 2001 mg/kg

12. ECOLOGICAL INFORMATION

This product has not been tested for environmental effects. Based on its components, this product is unlikely to result in any detrimental ecological effects.

13. DISPOSIBLE CONSIDERATIONS

Disposal methods	Whatever cannot be saved for recovery or recycling should be handled according to current local waste disposal legislation. Do not allow to enter drains or sewers. Do not allow to enter any body of water
Disposal of packaging	Contaminated packaging should be emptied as far as possible and after appropriate cleaning may be taken for reuse or disposed of in approved facility in accordance with current local legislation

14. TRANSPORT REGULATIONS

UN no		Not regulated
Substance identity no.		Not regulated
Road / rail transport	ADR / RID	Not regulated
Marine Transport	IMDG	Not regulated
Inland waterways	ADNR	Not regulated
Air transport	IATA	Not regulated

15. REGULATORY INFORMATION

EEC hazard classification	88/379/EEC
Risk phrases	None
Safety phrases	None
National legislation	n/a

16. OTHER INFORMATION

For intended use and applications see the Technical Date Sheet for the product. The information provided in this Material Safety Data Sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Recipients of our product must take responsibility for observing existing laws and regulations

Risk Phrases	C	Corrosive
	R14	Reacts violently with water
	R34	Causes burns
	Xn	Harmful
	R65	Harmful, may cause lung damage if swallowed