

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product name : KONSTRUKT ROOF & GUTTER WHITE
Product code : KONS-AS-SIC0300RGNWH

Manufacturer or supplier's details

Company : Synergy Business Systems Pty Ltd
Address : Level 7, 104 Melbourne St, South Brisbane, QLD 4101
Telephone : 1300 161 872
Emergency telephone number : 131 126
Website : www.synergysystems.com.au
Poisons Information Centre : 131 126

Recommended use of the chemical and restrictions on use

Recommended use : Water based adhesive
Restrictions on use : For industrial use only

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification : Skin Sensitisation - Category 1

GHS Label elements

Hazard pictogram(s) : 

Signal word : **Warning**

Hazard Statements : H317 | May cause an allergic skin reaction.

Precautionary Statements Prevention : P261 | Avoid breathing dust
P272 | Contaminated work clothing should not be allowed out of the workplace.
P280 | Wear protective gloves.

Precautionary Statements Response : P302 + P352 | IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 | If skin irritation or rash occurs: Get medical advice/ attention.
P362 + P364 | Take off contaminated clothing and wash it

Precautionary Statements Disposal : P501 | Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification : None known.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances / Mixture : Mixture

CAS No	Concentration (% w/w)	Name
22984-54-9	$\geq 1 - < 10$	butan-2-one 0,0',0''-(methylsilyldiyl)trioxime
7631-86-9	< 10	silicon dioxide
68928-76-7	< 10	dimethylbis[(1-oxoneodecyl)oxy]stannane
22984-54-9	$\geq 1 - < 10$	butan-2-one 0,0',0''-(methylsilyldiyl)trioxime
7631-86-9	< 10	silicon dioxide
556-67-2	< 3	octamethylcyclotetrasiloxane
68928-76-7	< 1	dimethylbis[(1-oxoneodecyl)oxy]stannane
96-29-7	$\geq 0.1 - < 1$	butanone oxime

SECTION 4 FIRST AID MEASURES

General advice : In on clothes, remove clothes.
: Show this safety data sheet to the doctor in attendance.

If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
: In case of unconsciousness bring patient into stable side position for transport.

In case of skin contact : Wash off immediately with plenty of water.
: Call a physician if irritation develops or persists.

In case of eye contact : Flush eyes with water at least 15 minutes.
: Get medical attention if eye irritation develops or persists.

If swallowed : Do NOT induce vomiting.
: If accidentally swallowed obtain immediate medical attention.
: If conscious, drink fresh water.

Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.

Notes to physician : No further relevant information available.

SECTION 5 FIREFIGHTING MEASURES

- Suitable extinguishing media** : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
: Water mist, Foam, Dry powder, Carbon dioxide (CO₂)
- Specific hazards during firefighting** : Cool closed containers exposed to fire with water spray.
- Specific extinguishing methods** : This product is an aqueous mixture that will not burn. Dried product film will burn in a fire.
: In the event of fire, wear self-contained breathing apparatus.
: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters** : No special protective measures against fire required.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment.
: Ensure adequate ventilation.
- Environmental precautions** : If the product contaminates rivers and lakes or drains inform respective authorities.
: Dilute with much water.
- Methods and material for containment and cleaning up** : Ensure adequate ventilation.
: Send for recovery or disposal in suitable containers.
: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

SECTION 7 HANDLING AND STORAGE

- Local/Total ventilation** : Use only with adequate ventilation.
- Advice on protection against fire and explosion** : In the event of fire and/or explosion do not breathe fumes.
: Wear self-contained breathing apparatus and protective suit.
: Have fire extinguishing equipment ready in case of nearby fire.
- Advice on safe handling** : Avoid formation of aerosol.
: Handle with care.
: Keep eye wash bottle available on working place.
: Keep out of reach of children.
: Avoid release to the environment.
- Conditions for safe storage** : Do not freeze.
: Keep container closed when not in use.
: Keep tightly closed in a dry and cool place.
: Protect against light.
- Materials to avoid** : No special restrictions on storage with other products.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
silicon dioxide	7631-86-9	TWA (Respirable dust)	2 mg/m ³	AU OEL
		TWA (Respirable)	2 mg/m ³	AU OEL

Further information: See chapter 14, National Commission documentation available for these values

dimethylbis[(1-oxoneodecyl)oxy]stannane	68928-76-7	TWA	0.1 mg/m ³ (Tin)	AU OEL
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Further information: Skin absorption

	STEL	0.2 mg/m ³ (Tin)	AU OEL
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Further information: Skin absorption

Engineering measures : Please take care on national and local requirements.

Personal protection



Respiratory protection :

- Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
- In case of brief exposure or low pollution (exceeding of TLV) use breathing filter apparatus.
- In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

Filter type : Organic vapour type or equipment with better protection

Hand protection material : Protective gloves

Remarks :

- Direct contact with the product must be avoided by organizational measures.
- The glove material has to be impermeable and resistant to the product/the substance/the preparation.
- The exact break through time can be obtained from the protective glove producer and this has to be observed.
- The gloves need to be disposed after the penetration time and replaced by new ones.
- Apply skin protectant before working with gloves to avoid skin swellings and use a skin cleansing and skincare product after the work.
- For the permanent contact gloves made of the following materials are suitable:**
If longer exposure to the chemical preparation is necessary, a sturdy overglove against mechanical strain is recommended in combination with the Alphatec®/Barrier 02-100 PEunderglove from Ansell or other suppliers (penetration time: 480 min).
- For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**
Butyl rubber (minimum thickness: 0.7 mm; penetration time: 15 min)
- As protection from splashes gloves made of the following materials are suitable:**
Nitril (minimum thickness 0.12 mm), Disposable gloves with long cuffs
- After contact with the chemical preparation, take the disposable nitrile glove off immediately and put on a new disposable nitrile glove.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION (CONTINUED)

Eye protection	: Tightly fitting safety goggles or equipment with better protection
Skin and body protection	: Protective clothing
Protective Measures	: Keep away from food, drink and animal feedingstuffs. : Instantly remove any soiled and impregnated garments. : Wash hands before breaks and immediately after handling the product. : Avoid contact with the eyes and skin. : Store protective clothing separately.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Paste
Colour	: White
Odour	: Characteristic
Odour Threshold	: is not determined
Melting point/range	: 0° C
Boiling point/boiling range	: 100° C
Flash Point	: Not applicable
Evaporation rate	: is not determined
Flammability (solid, gas)	: Not classified as a flammability hazard
Upper explosion limit / Upper flammability limit	: Upper flammability limit is not determined
Lower explosion limit / Lower flammability limit	: Lower flammability limit is not determined
Vapour pressure	: 23 hPa (20° C)
Relative vapor density	: is not determined
Density	: 1.02 g/cm ³
Water solubility	: Completely miscible
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: Not applicable
Explosive properties	: Not explosive

SECTION 10 STABILITY AND REACTIVITY

Reactivity	: No further relevant information available.
Chemical stability	: The product is chemically stable.
Possibility of hazardous reactions	: Hazardous polymerisation does not occur.
Conditions to avoid	: Heat may lead to dangerous pressure build-up in sealed container. : Protect from frost.
Incompatible materials	: No further relevant information available.
Hazardous decomposition products	: No decomposition if stored and applied as directed.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity	: Not classified due to lack of data.
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Product

Acute oral toxicity	: Acute toxicity estimate: > 2,000 mg/kg : Method: Calculation method
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Components

Silicon dioxide

Acute inhalation toxicity	: > 2.2 mg/l : Exposure time: 1 hr : Test atmosphere: dust/mist
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octamethylcyclotetrasiloxane:

Acute inhalation toxicity	: LC50 (Rat): 36 mg/l : Exposure time: 4 hr : Test atmosphere: vapor
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butanone oxime:

Acute oral toxicity	: Acute toxicity estimate: 1,100 mg/kg : Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
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Acute dermal toxicity	: Acute toxicity estimate: 1,100 mg/kg : Method: Converted acute toxicity point estimate
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Skin corrosion/irritation	: Not classified due to lack of data.
Serious eye damage/eye irritation	: Not classified due to lack of data.
Skin sensitization	: May cause an allergic skin reaction.
Respiratory sensitization	: Not classified due to lack of data.

Chronic Toxicity

Germ cell mutagenicity	: Not classified due to lack of data.
Carcinogenicity	: Not classified due to lack of data.
Reproductive toxicity	: Not classified due to lack of data.
STOT-single exposure	: Not classified due to lack of data.
STOT-repeated exposure	: Not classified due to lack of data.
Aspiration toxicity	: Not classified due to lack of data.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

Components

octamethylcyclotetrasiloxane

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): > 500 mg/l
Exposure time: 96 Hours
Method: static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 25.2 mg/l
Exposure time: 24 Hours
Test Type: static test

butanone oxime

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 320 - 1,000 mg/l
Exposure time: 96 Hours
Method: static test

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): 83 mg/l
Exposure time: 72 Hours
Test Type: flow-through test

Persistence and degradability : No data available

Bioaccumulative potential

Components

butan-2-one 0,0',0''-(methylsilyldiyl)trioxime

Partition coefficient: : log Pow: 0.59 - 0.65 (20 °C)
noctanol/water : GLP: no

octamethylcyclotetrasiloxane

Partition coefficient: : log Pow: 0.51
noctanol/water

Mobility in soil

Product

Mobility : Medium: Soil
: Remarks: Do not allow product to reach ground water, water bodies or sewage system

Other adverse effects

Components

octamethylcyclotetrasiloxane

Results of PBT and vPvB assessment : Persistent, Bioaccumulative and Toxic (PBT)
: Very persistent and very bioaccumulative (vPvB)

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not dispose of with domestic refuse.
: Do not dispose of waste into sewer.
: The generation of waste should be avoided or minimized wherever possible.
: Hand over to disposers of hazardous waste.
: Incineration under approved, controlled conditions using incinerators suitable or designed for the disposal of hazardous chemical wastes, is the preferred method for disposal.
: Disposal must be made according to official regulations.

Contaminated packaging : Recommended cleaning agent: Water, if necessary with cleaning agent.
: Disposal must be made according to official regulations.

SECTION 14 TRANSPORT INFORMATION

International Regulations

UNRTDG	:	Not regulated as a dangerous good
IATA-DGR	:	Not regulated as a dangerous good
IMDG-Code	:	Not regulated as a dangerous good
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	:	Not applicable for product as supplied.

Domestic Regulation

ADG	:	Not regulated as a dangerous good
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SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

Therapeutic Goods (Poisons Standard) Instrument	:	Schedule 7
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Prohibition/Licensing Requirements	:	There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.
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The components of this product are reported in the following inventories:

AU AIIC	:	On the inventory, or in compliance with the inventory
NZ NZIoC	:	On the inventory, or in compliance with the inventory
JP ENCS	:	On the inventory, or in compliance with the inventory
KR KECI	:	On the inventory, or in compliance with the inventory
PH PICCS	:	On the inventory, or in compliance with the inventory
CN IECSC	:	On the inventory, or in compliance with the inventory
TW TCSI	:	On the inventory, or in compliance with the inventory

SECTION 16 OTHER INFORMATION

Further information

Revision Date	:	27.02.2026
Other information	:	This safety datasheet only contains information relating to safety and does not replace any product information or product specification.
Date format	:	dd.mm.yyyy

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
AU OEL	:	Australia. Workplace Exposure Standards for Airborne Contaminants.
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
AU OEL / TWA	:	Exposure standard - time weighted average
AU OEL / STEL	:	Exposure standard - short term exposure limit
AIIC	:	Australian Inventory of Industrial Chemicals
ANTT	:	National Agency for Transport by Land of Brazil
ASTM	:	American Society for the Testing of Materials
bw	:	Body weight
CMR	:	Carcinogen, Mutagen or Reproductive Toxicant
DIN	:	Standard of the German Institute for Standardisation
DSL	:	Domestic Substances List (Canada)
ECx	:	Concentration associated with x% response

SECTION 16 OTHER INFORMATION (CONTINUED)

ELx	: Loading rate associated with x% response
EmS	: Emergency Schedule
ENCS	: Existing and New Chemical Substances (Japan)
ErCx	: Concentration associated with x% growth rate response
ERG	: Emergency Response Guide
GHS	: Globally Harmonized System
GLP	: Good Laboratory Practice
IARC	: International Agency for Research on Cancer
IATA	: International Air Transport Association
IBC	: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50	: Half maximal inhibitory concentration
ICAO	: International Civil Aviation Organization
IECSC	: Inventory of Existing Chemical Substances in China
IMDG	: International Maritime Dangerous Goods
IMO	: International Maritime Organization
ISHL	: Industrial Safety and Health Law (Japan)
ISO	: International Organisation for Standardization
KECI	: Korea Existing Chemicals Inventory
LC50	: Lethal Concentration to 50 % of a test population
LD50	: Lethal Dose to 50% of a test population (Median Lethal Dose)
MARPOL	: International Convention for the Prevention of Pollution from Ships
MERCOSUR	: The Agreement for the Facilitation of the Transport of Dangerous Goods
n.o.s.	: Not Otherwise Specified
Nch	: Chilean Norm
NO(A)EC	: No Observed (Adverse) Effect Concentration
NO(A)EL	: No Observed (Adverse) Effect Level
NOELR	: No Observable Effect Loading Rate
NOM	: Official Mexican Norm
NTP	: National Toxicology Program
NZIoC	: New Zealand Inventory of Chemicals
OECD	: Organization for Economic Co-operation and Development
OPPTS	: Office of Chemical Safety and Pollution Prevention
PBT	: Persistent, Bioaccumulative and Toxic substance
PICCS	: Philippines Inventory of Chemicals and Chemical Substances
(Q)SAR	: (Quantitative) Structure Activity Relationship
REACH	: Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
SADT	: Self-Accelerating Decomposition Temperature
SDS	: Safety Data Sheet
TCSI	: Taiwan Chemical Substance Inventory
TDG	: Transportation of Dangerous Goods
TECI	: Thailand Existing Chemicals Inventory
TSCA	: Toxic Substances Control Act (United States)
UN	: United Nations
UNRTDG	: United Nations Recommendations on the Transport of Dangerous Goods
vPvB	: Very Persistent and Very Bioaccumulative
WHMIS	: Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.