

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product name : KONSTRUKT ROOF & GUTTER GREY
Product code : KONS-AS-SIC0300RGNGY

Manufacturer or supplier's details

Company : Synergy Business Systems Pty Ltd
Address : Level 7, 104 Melbourne Street, 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 : Sealant
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 water.
P333 + P313 | If skin irritation or rash occurs: Get medical ad-vice/ attention.
P363 | Take off and wash contaminated clothing before reuse.

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
471-34-1	>= 30 - <50	calcium carbonate
64742-46-7	>= 10 - < 30	Distillates (petroleum), hydrotreated middle
22984-54-9	>= 1 - < 10	butan-2-one 0,0',0''-(methylsilylidyne)trioxime
2224-33-1	>= 0.1 - < 1	butan-2-one 0,0',0''-(vinylsilylidyne)trioxime

SECTION 4 FIRST AID MEASURES

General advice : If 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, seek medical attention.
: In case of unconsciousness bring patient into stable side position for transport.

In case of skin contact : Wash off 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 and 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, cool place.
: Protect against light.

Materials to avoid : No special restrictions on storage with other products.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
calcium carbonate	471-34-1	TWA	10 mg/m ³	AU OEL
Further information: This value is for inhalable dust containing no asbestos and <1% crystalline silica				
Distillates (petroleum), hydrotreated middle	64742-46-7	TWA (Mist)	5 mg/m ³	AU OEL
Further information: National Commission documentaion available for these values				

Engineering measures : Please take care on national and local requirements

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION (CONTINUED)

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** : Protective gloves.
Remarks: : Direct contact with the product must be avoided by organizational measures.
: The glove material must be impermeable and resistant to components listed above.
: The exact break through time (obtained from the protective glove producer) must be observed.
: The gloves must be discarded after the penetration time and replaced by new ones.
: Apply skin protectant before working with gloves to avoid skin swelling and use a skin cleansing and skincare product after use.
- Gloves suitable for extended contact** : 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 PE underglove from Ansell or other suppliers (penetration time: 480 min).
- Gloves for contact of a maximum of 15 minutes** : Butyl rubber (minimum thickness: 0.7 mm; penetration time: 15 min)
- Gloves for protection from splashes** : Nitrile (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.
- 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** : Grey
- Odour** : Characteristic
- Odour Threshold** : is not determined
- Melting point/range** : Not applicable
- Boiling point/boiling range** : 100° C

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES (CONTINUED)

Flash Point	: Not Applicable
Evaporation rate	: Not applicable
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	: 23hPa (20° C)
Relative vapor density	: is not determined
Density	: 1.39 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	: No decomposition if used according to the specifications.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
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.
Product	
Acute inhalation toxicity	: Acute toxicity estimate: > 5 mg/l : Exposure time: 4 hours

11 TOXICOLOGICAL INFORMATION (CONTINUED)

: Test atmosphere: dust/mist
: Method: Calculation method

Components

Distillates (petroleum), hydrotreated middle

Acute inhalation toxicity : LC50 (Rat): 436 mg/l
Exposure time: 4 hours
Test atmosphere: Vapor

Skin corrosion/irritation : Not classified due to lack of data.
Serious eye damage/eye irritation : Not classified due to lack of data.

Respiratory or skin sensitisation

Skin sensitisation : May cause an allergic skin reaction
Respiratory sensitisation : Not classified due to lack of data.

Chronic toxicity

Germ cell mutagenicity : Not classified due to lack of data.
Carcinogenicity : Based on available data, the classification criteria are not met.

Product

Carcinogenicity assessment : Not classifiable as a human carcinogen.

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

Distillates (petroleum), hydrotreated middle

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 35 mg/l
Exposure time: 96 Hours
Method: flow-through test"

Persistence and degradability : No data available

Bioaccumulative potential

Components

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

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

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

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

Mobility in soil**Product**

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

Other adverse effects : No data available

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

SECTION 15 REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Therapeutic Goods (Poisons Standard) Instrument : No poison schedule number allocated

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.

The components of this product are reported in the following inventories:

- TW TCSI** : On the inventory, or in compliance with the inventory
- US TSCA** : All substances listed as active on the TSCA inventory
- AU AIIC** : On the inventory, or in compliance with the inventory
- CA DSL** : All components of this product are on the Canadian DSL
- NZ NZIoC** : 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
TH TEGI	:	On the inventory, or in compliance with the inventory
TCSI	:	Not in compliance with the inventory

SECTION 16 OTHER INFORMATION

Further information

Revision Date	:	09.02.2026
Date format	:	dd.mm.yyyy
Other information	:	This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Full text of other abbreviations

AU OEL	:	Australia. Workplace Exposure Standards for Airborne Contaminants.
AU OEL / TWA	:	Exposure standard - time weighted average
AICS	:	Australian Inventory of Chemical Substances
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
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
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

SECTION 11 TOXICOLOGICAL INFORMATION (CONTINUED)

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
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.