Code	Description	Size	Colour
19944	Gorilla Bathroom & Kitchen Silicone Sealant	300ml	White
19310	Gorilla Bathroom & Kitchen Silicone Sealant	300ml	Clear
19940	Gorilla Bathroom & Kitchen Silicone Sealant	300ml	Titania
19950	Gorilla Bathroom & Kitchen Silicone Sealant	600ml	Titania

Recommended use:		Sealant
HSNO group standard:		Not Subject
UN number, shipping name and packaging group:		Not Subject
Supplier contact details:	Soudal Ltd	Freephone: 0800 70 10 80
	134 Kohia Drive	Phone: (07) 847 5540
	Horotiu	
	Hamilton 3288	Email: info@soudal.co.nz
	New Zealand	Website: www.soudal.co.nz
POISON CENTRE NUMBER: 0800 764 766 (24 hours)		

2. Hazards Identification

2.1 Hazardous Substances and New Organisms (HSNO) classification:
Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC

2.2 Symbols:
Not required.

2.3 Precautionary Statements:
Slightly irritant to skin
Slightly irritant to eyes
May produce an allergic reaction
Contains a substance which is (possibly) carcinogenic

3. Composition/Information on Ingredients

3.1 Information on the ingredients used in the substance:

Ingredient	CAS No.	Individual HSNO classification	Concentration (% by Wt.)
butan-2-one O,O',O''-(vinylsilylidyne)trioxime	2224-33-1 218-747-8	No data.	0.1%<C<1%
butanone oxime	96-29-7 202-496-6	3.1C, 6.1D, 6.3B, 6.4A, 6.5B, 6.7B, 6.9B, 9.1C, 9.2A, 9.3B	0.1%<C<1%

4. First Aid Measures

4.1 Skin contact:
Wash immediately with lots of water. Soap may be used. Take victim to a doctor if irritation persists.

4.2 Eye contact:
Rinse with water. Take victim to an ophthalmologist if irritation persists.

4.3 Inhalation:
Remove victim from area of exposure. If unconscious, give oxygen. Give artificial respiration if not breathing. Get immediate medical attention.

4.4 Ingestion:
Rinse mouth with water. Consult a doctor/medical service if you feel unwell.

5. Fire-Fighting Measures

5.1 Extinguishing media:
Water spray, Polyvalent foam, ABC powder, Carbon dioxide.

5.2 Special hazards due to combustion:
Heating increases the fire hazard. Upon combustion CO and CO2 are formed.

5.3 Advice for fire-fighters:
No specific fire-fighting instructions required. Gloves, Protective clothing, Heat/fire exposure: compressed air/oxygen apparatus

5.4 Hazchem code:
No data.

6. Accidental Release Measures

6.1 Personal precautions:
Wear gas mask with filter type A if the concentration in the air exceeds exposure limits. Wear gloves, protective goggles and protective clothing. Maintain normal hygiene.

6.2 Environmental precautions:
Dam up the liquid spill. Use appropriate containment to avoid environmental contamination.

6.3 Methods for cleaning up:
Extinguish possible sources of ignition. Evacuate all unprotected personnel and ventilate area. Only personnel equipped with proper respiratory, skin/eye protection should enter spill area. Dike area to contain spill and clean up by absorbing on an inert absorbent or other means. Don't flush into sewers or natural waterways..

6.4 Disposal:
Collect treated spillage. Contact local and regional authorities for further directions.

7. Handling and Storage

7.1 Handling:
Keep away from naked flames/heat. Observe strict hygiene. Keep container tightly closed.

7.2 Storage:
Store in a dry area
Keep container in a well-ventilated place
Store at room temperature
Meet the legal requirements

Storage temperature:	20 °C
Max. storage time:	1 year(s).
Keep away from:	oxidizing agents
Suitable packaging material:	synthetic material

8. Exposure Controls/Personal Protection

8.1 Exposure limits:

CAS no.	Substance or ingredient	WES-TWA	WES-STEL
2224-33-1	butan-2-one O,O',O''-(vinylsilylidyne)trioxime	No data.	No data.
96-29-7	butanone oxime	No data.	No data.

8.2 Engineering Controls:
General (mechanical) room ventilation is considered satisfactory in enclosed spaces. Where explosive mixtures may be present, electrical systems safe for such locations must be used.

8.3 Exposure controls:

Control	Protective measure
Eye	Safety glasses
Respiratory	Respiratory protection not required in normal conditions.
Skin	Protective clothing.

9. Physical and Chemical Properties

9.1 General substance properties:

Property	Details
Appearance	Paste
Odour	Characteristic odour
pH	No data.
Vapour pressure	No data.
Viscosity	No data.
Boiling Point	No data.
Volatile materials	30g/litre
Freezing/melting point	No data.
Solubility	No data.
Specific gravity/density	1
Flash point	> 100 °C
Danger of explosion	No data.
Auto-ignition temperature	No data.
Upper and lower flammability limits	No data.
Corrosiveness	No data.

10. Stability and Reactivity

10.1 Stability:
Stable under normal conditions.

10.2 Conditions to avoid:
Heat sources.

10.3 Incompatible materials to avoid:
Oxidizing agents.

10.4 Hazardous decomposition products:
Combustion will result in the release of carbon monoxide and carbon dioxide.

11. Toxicological Information

11.1 Summary of Toxicity
This product is considered harmful.

11.2 Acute toxicity:

Test	Data and symptoms of exposure
Oral	No effects known.
Dermal	No effects known
Inhaled	No effects known
Eye	Slight irritation
Skin	Slight irritation

11.3 Chronic toxicity:

Test	Data and symptoms of exposure
Sensitisation	No effects known.
Mutagenicity	No effects known.
Carcinogenicity	No effects known.
Reproductive/developmental	No effects known.
Systemic/targeted organs	No effects known.

12. Ecological Information

12.1 Ecological properties

Ecology	Ecological data
Aquatic ecotoxicity	No data.
Soil ecotoxicity	No data.
Terrestrial vertebrate	No data.
Terrestrial invertebrate	No data.
Mobility	Contains volatile organic compounds (VOC) of 0.135 %
Degradability	No data.

13. Disposal Considerations

13.1 Disposal methods:
This product may be disposed of in a landfill provided this product will be kept separated from contact with explosives, oxidisers and ignition sources at all times. This product may be disposed of by burning in an incineration facility. This product may be disposed of by purging. Further details can be provided by local and regional authorities.

13.2 Disposal restrictions:
The product must not be disposed of in a landfill or purged within range of legally located persons and places, where upon ignition, would expose them to more blast pressure and heat radiation that described in regulation 6(3)(b) of the Hazardous Substances (Disposal) Regulations 2001. Burning must be managed to the performance requirements of regulation 6(3)(b) of the Hazardous Substances (Disposal) Regulations 2001. Disposal of this product by landfill, burning or purging must not exceed any relevant exposure limits and/or environmental exposure limits set for the substance or any of its components. Further details can be provided by local and regional authorites.

13.3 Special precautions for disposal:
No data.

14. Transport Information

14.1 Dangerous goods transport information:

Identification	Details	Identification	Details
UN number	Not Subject	**Proper shipping name**	Not Subject
UN class	Not Subject	**Subsidiary risk**	Not Subject
UN packing group	Not Subject	**Hazchem code**	Not Subject

14.2 Transport provisions by land according to the Standard for the Transport of Dangerous Goods on Land (NZS 5433):
Special provision codes 190, 327, 344, 625. When using combination packages do not pack more than 1 L per inner packaging for liquids. Packages should be ≤30 kg.

14.3 Transport provisions by sea according to the International Maritime Dangerous Goods (IMDG) code:
Special provision codes 190, 327, 344, 625. When using combination packages do not pack more than 1 L per inner packaging for liquids. Packages should be ≤30 kg.

14.4 Transport provisions by air according to International Civil Aviation Organization (ICAO) Technical Instructions:
Special provision codes A145, A167, A802. Packages should be ≤30 kg.

15. Regulatory Information

15.1 HSNO approval number and Group Standard:
HSR002515

15.2 Group Standard conditions and other regulations:

Condition	Requirement
MSDS	Safety data sheet must be available to a person handling the substance within 10 minutes.
Labelling	Never remove or deface label.
Emergency plan	Required when storing >3,000 L.
Approved handler	Required when storing >3,000 L.
Tracking	Not required.
Bunding and secondary containment	Required when storing >3,000 L.
Signage	Required when storing >3,000 L.
Test certificate	Required when storing >3,000 L.
Flammable zone	Required when storing >3,000 L.
Fire extinguisher	Required when storing >3,000 L.

16. Other Information

16.1 Date of preparation or revision:
Revised 26th February 2014. Format updated.
18th May 2016 added volatile materials

16.2 Abbreviations:

Abbreviation	Description
CAS number	Number assigned to chemical in the Chemical Abstracts Service registry
HAZCHEM code	Code used by fire-fighters to determine correct method of action in the case of fire
HSNO	Hazardous Substances and New Organisms (Act)
ICAO Technical Instructions	International Civil Aviation Organization Technical Instructions

IMDG code	International Maritime Dangerous Goods code controlled by the International Maritime Organization (IMO)
LC_{50}	Lethal concentration 50% - concentration fatal to 50% of the tested population
LD_{50}	Lethal dose 50% - dose fatal to 50% of the tested population
NZS 5433	New Zealand Standard 5433 (Standard for the Transport of Dangerous Goods on Land)
SDS	Safety data sheet
STEL	Short term exposure limit
TWA	Time weighted average (typically measured as 8 hours)
UN number	United nations number
WES	Workplace exposure standard

16.3 References

Chemical properties and HSNO classifications derived from the New Zealand chemical classification information database (CCID).www.epa.govt.nz.

Workplace exposure limits derived from Workplace Exposure Standards and Biological Exposure Indices 7th Edition. www.mbie.govt.nz.

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