Section 1 – Identification of Chemical Product and Company

Code	Description	Size	Colour
20079	**Gorilla Manhole Sealant**	16mm x 3.8mr	Grey
20197	**Gorilla Manhole Sealant**	20mm x 3.8mr	Grey

Recommended use:		Adhesive
Supplier contact details:	Soudal Ltd	Freephone: 0800 70 10 80
	14 Avalon Drive	Phone: (07) 847 5540
	Nawton	Fax: (07) 847 0324
	Hamilton 3200	Email: info@soudal.co.nz
	New Zealand	Website: www.soudal.co.nz
POISON CENTRE NUMBER: 0800 764 766 (24 hours)		

Section 2 – Hazard Identification

Statement of Hazardous Nature
This product is classified as: **NON HAZARDOUS SUBSTANCE** according to the criteria of HSNO.

NOT REGULATED under NZS5433:2007 Transport of Dangerous Goods on Land

Hazardous Substances and New Organisms (HSNO) classification:

Classification	Hazard statements
Non Hazardous	

HSNO Signal Word :

Precautionary Statements:

Wash thoroughly after handling.

Section 3 - Composition/Information on Ingredients

Ingredient	CAS No.	Individual HSNO classification	Concentration (% by Wt.)
Ingredients not contributing to classification			

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

Section 4 – First Aid Measures

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Skin or hair contact:
Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

Eye contact:
Generally not applicable.

Inhalation:

remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital, or doctor, without delay.

Ingestion:
First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

General advice and advice for physicians:
Treat symptomatically

Section 5 - Fire-Fighting Measures

Extinguishing media:
Foam; water spray; carbon dioxide

Special hazards due to combustion:
Toxic vapours will be emitted

Advice for fire-fighters:
When fighting fires involving significant quantities of this product, fire-fighters must a gas tight chemical resistant suit, and limit exposure duration to 1BA set 30 minutes. Cool closed containers with water if they are exposed to the fire. Take account of environmentally hazardous fire-fighting water.

Section 6 - Accidental Release Measures

Personal precautions:
Remove all ignition sources. Clear area of personnel and move upwind, avoid breathing vapours

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

Methods for cleaning up:
Take up any liquid spill into absorbent material e.g. sand/earth
Shovel absorbed substance in closing drums
Carefully collect the spill/leftovers
Clean contaminated surfaces with an excess of water
Take collected spill to manufacturer/competent authority
Wash clothing and equipment after handling

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

Section 7 - Handling and Storage

Handling:
Observe normal hygiene standards. Remove contaminated clothing immediately and wash before re-use. Use only in well ventilated areas.

Storage:
Store in original containers. Make sure that containers of this product are kept tightly closed. Keep containers of this product in a well ventilated area. Protect from sunlight. Reacts with copper, zinc, aluminium or their alloys

Section 8 - Exposure Controls/Personal Protection

Exposure limits:

CAS no.	Substance or ingredient	WES-TWA	WES-STEL

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes

between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Engineering Controls:
This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.
Eyewash unit

Exposure controls:

Control	Protective measure
Eye	Wear safety glasses with side shields or goggles when handling this material. [AS 2919] 
Respiratory	Type A of sufficient capacity 
Skin	Teflon or Viton recommended. Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn. [AS 2161] Wear protective clothing. 

Section 9 - Physical and Chemical Properties

General substance properties:

Property	Details
Appearance	Grey sealing tape
Odour	Solvent
pH	No data
Vapour pressure	No data
Viscosity	No data.
Boiling Point	No data
Volatile materials	No data
Freezing/melting point	No data
Solubility	Insoluble in water
Specific gravity/density	1.7 g/ml
Flash point	193 C
Auto-ignition temperature	No data
Upper and lower flammability limits	Lower – Upper -
Corrosiveness	No data.

Section 10 - Stability and Reactivity

Stability:
Stable under normal conditions.

Conditions to avoid:
Exposure to excessive heat, open flames and sparks. Avoid conditions that favour the formation of excessive mists and/or fumes. Contact with water may release flammable gases. Contact with water causes a chemical reaction

Incompatible materials to avoid:
Mild steel; Copper alloys; strong acids

Hazardous decomposition products:
Combustion will result in the release of carbon monoxide; carbon dioxide; nitrogen oxides; hydrogen chloride and other toxic vapours

Section 11 - Toxicological Information

Summary of Toxicity
This product is considered an acute oral toxin; an inhalation toxin; a skin irritant; an eye irritant; a carcinogen; a reproductive toxin; an organ toxin

Acute toxicity:

Test	Data and symptoms of exposure
Oral	The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion".
Dermal	This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions. Open cuts, abraded or irritated skin should not be exposed to this material Entry into the blood-stream, though, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects.
Inhaled	The material can cause respiratory irritation in some persons.
Eye	This material can cause eye irritation and damage in some persons.

Chronic toxicity:

Test	Data and symptoms of exposure
Sensitisation	Final product is not considered to be either a respiratory or a skin sensitiser. Contains no constituents that are considered to be respiratory or skin sensitisers.
Mutagenicity	Final product not considered mutagenic. No constituent is considered mutagenic.
Carcinogenicity	Final product is not considered carcinogenic. Contains no constituent that is considered to be a carcinogen
Reproductive/developmental	Final product is not considered a suspected reproductive/ developmental toxicant. Contains no constituents that are considered suspected reproductive/ developmental toxicants
Systemic/targeted organs	Final product is not considered to be a target organ toxicant. Contains no constituents that can be considered as a target organ toxins

Section 12 - Ecological Information

Ecological properties

Ecology	Ecological data
Aquatic ecotoxicity	Final product is not considered a chronic aquatic toxicant. Contains no constituents that are considered aquatic toxicants
Soil ecotoxicity	Final product is not considered a soil toxicant. Contains no constituent that is considered a soil toxicant
Terrestrial vertebrate	Final product is not considered a vertebrate toxicant. Contains no constituent that is considered as terrestrial

	vertebrates toxicant
Terrestrial invertebrate	Final product not considered a terrestrial invertebrate toxicant. No constituent is considered a terrestrial invertebrate toxicant.
Bioaccumulation	No data
Mobility	No data
Degradability	No data.

Section 13 - Disposal Considerations

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.

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 authorities.

Special precautions for disposal:
No data.

Section 14 - Transport Information

NOT REGULATED

Section 15 - Regulatory Information

HSNO approval number and Group Standard:
Not Applicable

Group Standard conditions and other regulations:

Condition	**Requirement**
SDS	Safety data sheet must be available to a person handling the substance within 10 minutes.
Emergency plan	Not required
Approved handler	Not required
Tracking	Not required
Bunding and secondary containment	Not applicable
Signage	Not required
Test certificate	Not required
Hazardous Atmosphere zone	Not required
Fire extinguisher	Not required

National Inventories

Australia	AICS	Y
Canada	DSL	Y
Caanda	NDSL	N
China	IECSC	Y
Europe	EINEC/ELINCS/NLP	N
Japan	ENCS	Y
Korea	KECI	Y
New Zealand	NZIoC	Y
Phillipines	PICCS	Y
USA	TSCA	Y

Y = All ingredients are on the inventory

Section 16 – Other Information

Date of this preparation

May 2016 Initial Preparation

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

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.

The information provided on this SDS 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 as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material in combination with any other material or in any process, unless specified in the text.

This SDS was prepared by Collievale Enterprises in accord with the EPA "Code of Practice for the Preparation of Safety Data Sheets" [HSNOCOP 8-1 (2006)]
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End of MSDS