Safety Data Sheet

SOUDAL

Hazardous, Non-Dangerous Goods

Section 1 | IDENTIFICATION OF CHEMICAL PRODUCT AND COMPANY

Code	Description	Size	Colour
174755	Pureseal PVC Pipe Cement Type N	125ml	Clear
172146	Pureseal PVC Pipe Cement Type N	250ml	Clear
172147	Pureseal PVC Pipe Cement Type N	500ml	Clear
173985	Pureseal PVC Pipe Cement Type N	1 Litre	Clear
175734	Pureseal PVC Pipe Cement Type N	5 litre	Clear

Recommended use:				Adhesive
Group Standard				HSR002669
UN Number, Proper Shipping Name and Packaging Group				UN1133 Adhesive PG II
Supplier Contact details	**Soudal Pty Ltd**	Telephone: **1300 507 011**	**Soudal Ltd**	Freephone: **0800 70 10 80**
	75 Owen Street	ABN: 50 1591 240 53	134 Kohia Drive	Phone: 07 847 5540
	Glendenning		Horotiu	
	NSW 2761	Email: soudlinfo@soudal.com.au	Hamilton	Email: sales@soudal.co.nz
	Australia	Website: www.soudal.com.au	New Zealand	Website: www.soudal.co.nz

New Zealand POISON CENTRE NUMBER: 0800764 766(24 hours)

Australia POISON CENTRE 131126

Australia Emergency Telephone number: 1300 507 011

Section 2 | HAZARD IDENTIFICATION

Statement of Hazardous Nature

This product is classified as: **HAZARDOUS SUBSTANCE** according to the criteria of GHS v7 & WHS Regulations.
REGULATED under NZS5433:2020 Transport of Dangerous Goods on Land & ADG

Poison Schedule: Unknown

Hazard Classification	**Flammable Liquid**	**Category 2**
	Acute Oral Toxicity	**Category 4**
	Acute Dermal Toxicity	**Category 4**
	Skin Irritation	**Category 2**
	Eye Irritation	**Category 2**
	Carcinogenicity	**Category 2**
	STOT – RE	**Category 2**

Label Elements

Signal Word **DANGER**

Hazard Statements

H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure

Supplementary Statements

Precautionary Statements | Prevention

P102	Keep out of reach of children
P103	Read label before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P240	Ground and bond container and receiving equipment
P241	Use explosion proof electrical/ ventilating/ lighting/ intrinsically safe equipment
P242	Use non-sparking tools
P243	Take action to prevent static discharge
P233	Keep container tightly closed
P260	Do not breathe mists/ vapours/ sprays
P280	Wear protective gloves, protective clothing, eye protection and face protection
P264	Wash all exposed external body areas thoroughly after handling
P270	Do not eat, drink or smoke while using this product

Precautionary Statements | Response

P301+P312	IF SWALLOWED: Call a POISON CENTRE/ Doctor/ Physician/ First Aider if you feel unwell`
P330	Rinse mouth
P303+P361+P363	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower)
P333+P313	If skin irritation or rash occurs Get medical advice/ attention
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
P337+P313	If eye irritation persists: get medical advice/ attention
P304+P340	IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing
P308+P313	If exposed or concerned: Get medical advice / attention
P370+P378	In case of Fire: Use alcohol resistant foam or normal protein foam to extinguish

Precautionary Statements | Storage

P405	Store locked up
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

Precautionary Statements | Disposal

P501	Dispose of contents/ containers in accordance with local regulations

Section 3 | COMPOSITION / INFORMATION ON INGREDIENTS

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

Section 4 | FIRST AID MEASURES

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 131126 from anywhere in Australia or 0800 7674766 from anywhere in New Zealand and is available at all times. Have this SDS or product label with you when you call.

NZ EMERGENCY SERVICES: 111 **AUSTRALIAN EMERGENCY SERVICES: 000**

Eye contact:

Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin 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.

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:

Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus

Notes to physician:

Treat symptomatically.

Section 5 | FIRE FIGHTING MEASURES

Suitable extinguishing media:

Alcohol stable foam. Dry chemical powder. BCF (where regulations permit). Carbon dioxide. Water spray or fog - Large fires only.

INGREDIENT	CAS No	WEIGHT %
Methyl ethyl ketone	78-93-3	25 – 75
Cyclohexanone	108-94-1	25 – 75
Tetrahydrofuran	109-99-9	< 25
Ingredients determined to be non-hazardous		balance

Fire and Explosion Hazards:

Liquid and vapour are highly flammable. Severe fire hazard when exposed to heat, flame and/or oxidisers. Vapour forms an

explosive mixture with air. Severe explosion hazard, in the form of vapour, when exposed to flame or spark. Vapour may travel a considerable distance to source of ignition. Heating may cause expansion / decomposition with violent rupture of containers. On combustion, may emit toxic fumes of carbon monoxide (CO)

Special Protective Equipment and Precautions for Firefighters:

Alert Fire Brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. Consider evacuation (or protect in place). Fight fire from a safe distance, with adequate cover. If safe, switch off electrical equipment until vapour fire hazard removed. Use water delivered as a fine spray to control fire and cool adjacent area. Avoid spraying water onto liquid pools. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.

Fire Decomposition

Combustion products include: carbon dioxide (CO_2), other pyrolysis products typical of burning organic material.

Hazchem Code

3YE

Section 6 | ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Refer Section 8

Environmental Precautions:

Refer Section 12

Minor Spills:

Remove all ignition sources. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Contain and absorb small quantities with vermiculite or other absorbent material. Wipe up. Collect residues in a flammable waste container.

Major Spills:

Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. Consider evacuation (or protect in place). No smoking, naked lights or ignition sources. Increase ventilation. Stop leak if safe to do so. Water spray or fog may be used to disperse / absorb vapour. Contain spill with sand, earth or vermiculite. Use only spark-free shovels and explosion proof equipment. Collect recoverable product into labelled containers for recycling. Absorb remaining product with sand, earth or vermiculite. Collect solid residues and seal in labelled drums for disposal. Wash area and prevent runoff into drains. If contamination of drains or waterways occurs, advise emergency services.

Section 7 | HANDLING & STORAGE

Handling:

Unopened containers received from the supplier should be safe to store for 18 months. Opened containers should not be stored for more than 12 months. Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. DO NOT enter confined spaces until atmosphere has been checked. Avoid smoking, naked lights, heat or ignition sources. When handling, DO NOT eat, drink or smoke. Vapour may ignite on pumping or pouring due to static electricity. DO NOT use plastic buckets. Earth and secure metal containers when dispensing or pouring product. Use spark-free tools when handling. Avoid contact with incompatible materials. Keep containers securely sealed. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions. DO NOT allow clothing wet with material to stay in contact with skin

Storage:

Store in original containers in approved flame-proof area. No smoking, naked lights, heat or ignition sources. DO NOT store in pits, depression, basement or areas where vapours may be trapped. Keep containers securely sealed. Store away from incompatible materials in a cool, dry well ventilated area. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storage and handling recommendations contained within this SDS

Suitable Container:

Packing as supplied by manufacturer. Check that containers are clearly labelled and free from leaks.

Storage Incompatibility:

+	X	+	X	+	+	+

X *Must not be stored together*

0 *May be stored together with specific preventions*

\+ *May be stored together*

Section 8 | EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Occupational Exposure Limits:

	New Zealand		Australia	
	TWA (mg/m^3)	STEL (mg/m^3)	TWA (mg/m^3)	STEL (mg/m^3)
Methyl Ethyl ketone	41	82	445	890
Cyclohexanone			100	
Tetrahydrofuran	150	300	295	

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.

Biological Limit Values:

As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures:

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be 98-54-4independent of worker interactions to provide this high level of protection. The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the risk. Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use. Employers may need to use multiple types of controls to prevent employee overexposure. For flammable liquids and flammable gases, local exhaust ventilation or a process enclosure ventilation system may be required. Ventilation equipment should be explosion-resistant. Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to effectively remove the contaminant.

Personal Protection Equipment:

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS 2919**, Industrial Eye Protection: **AS 1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS 2210**.

Eye Protection:

Safety glasses with side shields. Chemical goggles. [AS/NZS 1337.1, EN166 or national equivalent] Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH

Current Intelligence Bulletin 59].

Skin Protection:

Wear chemical protective gloves, e.g., PE/EVAL/PE. Wear safety footwear or safety gumboots, e.g., Rubber NOTE: The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact. Contaminated leather items, such as shoes, belts and watchbands should be removed and destroyed.

Respiratory Protection:

Not normally required. Where inadequate ventilation exists then a Type A Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Thermal Protection:

Gloves are recommended, as gas may cause icing

Hygiene measures:

Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

Section 9 | PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Liquid
Colour:	Clear
Odour:	Characteristic
Odour threshold:	No data
Freezing/ Melting Point/Range (°C):	Not available
Boiling Point/Range (°C):	66
Flammability:	Not available
Lower Explosive Limit (%):	Not available
Upper Explosive Limit (%):	Not available
Flash Point (°C):	10
Autoignition Temp (°C):	Not available
Decomposition Temp (°C):	Not available
SADT (°C):	Not applicable
pH:	Not available
Dynamic viscosity:	Not available
Kinematic viscosity:	Not available
Water Solubility:	Immiscible
Solubility:	Not available
Coeff Octanol/ water distribution:	Not available
Vapour Pressure (kPa):	17.2
Specific Gravity (g/cm^3):	0.961
Relative Vapour Density:	Not available
Volatiles (%):	Not available
Total VOC:	Not available
Evaporation Rate:	Not available
Explosive Properties:	No chemical group associated with explosive properties
Oxidising Properties:	No chemical group associated with oxidizing properties

Corrosive Properties: No chemical group associated with corrosive properties

Section 10 | STABILITY & REACTIVITY

Reactivity:

Refer Section 7

Chemical Stability:

Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerization will not occur.

Conditions to Avoid:

Refer Section 7

Incompatibilities:

Refer Section 7

Polymerisation:

This product will not undergo polymerization reactions

Hazardous Decomposition Products:

Refer Section 5

Section 11 | TOXICOLOGICAL INFORMATION

Inhalation:

Inhalation of vapours or aerosols (mists, fumes), generated by the material during the course of normal handling, may produce toxic effects. The material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage. Inhalation of vapours may cause drowsiness and dizziness. This may be accompanied by sleepiness, reduced alertness, loss of reflexes, lack of co-ordination, and vertigo. Inhalation of high concentrations of gas/vapour causes lung irritation with coughing and nausea, central nervous depression with headache and dizziness, slowing of reflexes, fatigue and inco-ordination. Acute exposure by inhalation also causes nervous system depression, headache, and nausea. High vapour levels are easily detected due to odour, however odour fatigue may occur, with loss of warning of exposure.

Ingestion:

The material is not thought to produce adverse health effects following ingestion (as classified by EC Directives using animal models). Nevertheless, adverse systemic effects have been produced following exposure of animals by at least one other route and good hygiene practice requires that exposure be kept to a minimum. Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual.

Skin Contact:

The material may accentuate any pre-existing dermatitis condition In humans exposed to methyl ethyl ketone, skin inflammation has been reported. Open cuts, abraded or irritated skin should not be exposed to this material Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected. Skin contact with the material may be harmful; systemic effects may result following absorption. There is some evidence to suggest that the material may cause moderate inflammation of the skin either following direct contact or after a delay of some time. Repeated exposure can cause contact dermatitis which is characterised by redness, swelling and blistering.

Eye Contact:

The vapour when concentrated has pronounced eye irritation effects and this gives some warning of high vapour concentrations. If eye irritation occurs seek to reduce exposure with available control measures, or evacuate area. There is evidence that material may produce eye irritation in some persons and produce eye damage 24 hours or more after instillation. Severe inflammation may be expected with pain.

Chronic Health Effects:

Long-term exposure to respiratory irritants may result in airways disease, involving difficulty breathing and related whole-body problems. There has been concern that this material can cause cancer or mutations, but there is not enough data to make an assessment. Skin contact with the material is more likely to cause a sensitisation reaction in some persons compared to the general population. Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. This material can cause serious damage if one is exposed to it for long periods. It can be assumed that it contains a substance which can produce severe defects. Based on experience with animal studies, exposure to the material may result in toxic effects to the development of the foetus, at levels which do not cause significant toxic effects to the mother.

Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure. Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following. Chronic solvent inhalation exposures may result in nervous system impairment and liver and blood changes. [PATTYS]

Ingredient	Oral LD_{50}	Dermal LD_{50}	Inhalation LC_{50}
ATE			
Methyl ethyl ketone	2054 mg/Kg	6480 mg/Kg	32 mg/L/4h
Cyclohexanone	1535 mg/Kg	648 mg/Kg	8000 ppm/4h
Tetrahydrofuran	2816 mg/kg	>2000 mg/kg	45 mg/L/4h

Classification

Acute Oral Toxicity	Category 4
Acute Dermal Toxicity	Category 4
Acute Inhalation Toxicity	not classified
Skin Corrosion/Irritation	Category 2
Eye Corrosion/Irritation	Category 2
Respiratory Sensitisation	not classified
Skin Sensitisation	not classified
Germ Cell Mutagenicity	not classified
Carcinogenicity	Category 2
Reproductive Toxicity	not classified
STOT – SE	not classified
STOT – RE	Category 2
Aspiration Hazard	not classified

Section 12 | ECOLOGICAL INFORMATION

Ingredient	Fish	Crustacea	Algae
ATE			
Methyl ethyl ketone	$LC_{50\ 96hr}$ >324 mg/L	$LC_{50\ 48hr}$ 308 mg/L	$EC_{50\ 72hr}$ 1220 mg/L
Cyclohexanone	$LC_{50\ 96hr}$ 481 mg/L	$LC_{50\ 48hr}$ >100 mg/L	$EC_{50\ 72hr}$ 17.7 mg/L
Tetrahydrofuran	$LC_{50\ 96hr}$ 1970 mg/L		

Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high-water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters. Wastes resulting from use of the product must be disposed of on site or at approved waste sites. DO NOT discharge into sewer or waterways.

	Persistence Water/Soil	Persistence Air	Bioaccumulation	Mobility
Methyl ethyl ketone	LOW	LOW	LOW	MEDIUM
Cyclohexanone	LOW	LOW	LOW	LOW
Tetrahydrofuran	LOW	LOW	LOW	LOW

Section 13 | DISPOSAL CONSIDERATIONS

Containers may still present a chemical hazard/ danger when empty. Return to supplier for reuse/ recycling if possible. Otherwise: If container cannot be cleaned sufficiently well to ensure that residuals do not remain or if the container cannot be

used to store the same product, then puncture containers, to prevent re-use, and bury at an authorised landfill. Where possible retain label warnings and SDS and observe all notices pertaining to the product. DO NOT recycle spilled material. Consult State Land Waste Management Authority for disposal. DO NOT seal or stopper drums being decontaminated as CO_2 gas is generated and may pressurise containers. Puncture containers to prevent re-use. Bury or incinerate residues at an approved site.

Ensure that the hazardous substance is disposed in accordance with the Hazardous Substances (Disposal) Notice 2017

Packages that have been in direct contact with the hazardous substance must be only disposed if the hazardous substance was appropriately removed and cleaned out from the package. The package must be disposed according to the manufacturer's directions taking into account the material it is made of. Packages which hazardous content have been appropriately treated and removed may be recycled. The hazardous substance must only be disposed if it has been treated by a method that changed the characteristics or composition of the substance, and it is no longer hazardous. Only dispose to the environment if a tolerable exposure limit has been set for the substance. Only deposit the hazardous substance into or onto a landfill or sewage facility or incinerator, where the hazardous substance can be handled and treated appropriately.

Section 14 | TRANSPORT CONSIDERATIONS

HAZCHEM	**3YE**

Land Transport UNDG

UN Number	**1133**
Shipping Name	**Adhesives,** containing flammable Liquid (methyl ethyl ketone)
Class or division	**3**
Subsidiary Risk	Not applicable
UN Packing Group	**II**
Environmental Hazard	Not applicable
Special Provisions	Not applicable
Limited Quantities	**5 L**

Air Transport IATA

UN/ID Number	**1133**
Shipping Name	**Adhesives,** containing flammable Liquid (methyl ethyl ketone)
ICAO/IATA Class	**3**
ICAO/IATA Subrisk	Not applicable
ERG Code	**3L**
Packing Group	**II**
Environmental Hazard	Not applicable
Special provision	**A3**
Cargo only	
Packing instructions	**364**
Maximum Qty/pack	**60 L**
Passenger and Cargo	
Packing instructions	**353**
Maximum Qty/pack	**5 L**
Passenger & Cargo Limited Quantity	
Packing instructions	**Y341**
Maximum Qty/pack	**1 L**

Marine Transport IMDG

UN Number	**1133**
Shipping Name	**Adhesives,** containing flammable Liquid (methyl ethyl ketone)
IMDG Class	**3**
IMDG Subrisk	Not applicable
UN Packing Group	**II**
Environmental Hazard	Not applicable
EmS Number	**F-E S-D**
Special provisions	Not applicable
Limited quantities	**5 L**

Section 15 | REGULATORY INFORMATION

HSNO approval number and Group Standard:

HSR002669 Surface Coatings & Colourants, Flammable, Carcinogenic

Condition	Requirement
SDS	Required
Emergency plan	Required when quantities exceed 100 Lt
Certified handler	Not required
Tracking	Not applicable
Bunding and secondary containment	Required dependent upon total volumes and pack size
Signage	Required when quantities exceed 100 Lt
Location Compliance certificate	**Flammable Liquid Category 3** required when quantity exceeds 100Lt in closed containers of greater 5Lt capacity and/or greater than 250Lt in closed containers of less than 5Lt capacity and/or greater than 50L in open containers
Hazardous Atmosphere Zone	Required as per AS/NZS60079.10
Fire extinguisher	2 required when quantities exceed 100 Lt

National Inventories:

Australia	AIIC non-industrial use	Yes
Canada	DSL	Yes
	NDSL	No
China	IECSC	Yes
EU	EINEC/ELINCS/NLP	Yes
Japan	ENCS	Yes
Korea	KECI	Yes
New Zealand	NZIOC	Yes
Philippines	PICCS	Yes
US	TSCA	Yes
Taiwan TCSI		Yes
Mexico	INSQ	Yes
Vietnam	NCI	Yes
Russia	FBEPH	Yes
UAE		No

This material is not subject to the following international agreements:

Montreal Protocol Ozone Depleting Substances	Not applicable
Stockholm Convention Persistent Organic Pollutants	Not applicable
Rotterdam Convention Prior Informed Consent	Not applicable
Kyoto Protocol Greenhous Gases	Not applicable
Basel Convention Hazardous Waste	Not applicable

Section 16 | OTHER INFORMATION

Revision History (valid for five years)

November 2025 Origination

This SDS contains only safety-related information. For other data see product literature.

Please read all labels carefully before using product.

Acronyms:

AICIS	Australian Inventory of Industrial Chemicals
ADG	Australian Dangerous Goods
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters.
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
STEL	Short term Exposure Limit
TWA	Time Weighted Average
UN Number	United Nations Number
WES	Workplace Exposure Standard

References

Chemical properties and GHS 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 15th Edition (February 2025).

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE BASED ON THE INFORMATION PROVIDED AT THE TIME OF ISSUE. IT IS BASED ON THE PRESENT LEVEL OF RESEARCH AND TO THIS EXTENT WE BELIEVE IT IS ACCURATE. HOWEVER, NO GUARANTEE OF ACCURACY IS MADE OR IMPLIED AND SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL INFORMATION RELEVANT TO USAGE IS OFFERED WITHOUT WARRANTY. THE MANUFACTURER/ SUPPLIER WILL NOT BE HELD RESPSONSIBLE FOR ANY UNAUTHORISED USE OF THIS INFORMATION OR FOR ANY MODIFIED OR ALTERED VERSIONS.

EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY, SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

SAFETY DATASHEETS ARE UPDATED FREQUENTLY, PLEASE ENSURE THAT YOU HAVE A CURRENT COPY.

This SDS was prepared by Collievale Enterprises Ltd in accord with the Safe Work Australia – Preparation of safety datasheets for hazardous chemicals Code of Practice July 2020 and the Hazardous Substances (Safety Data Sheets) Notice 2020

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End of SDS