Section 1 Identification of Chemical Product and Company

Code	Description	Size	Colour
19388	Soudal Waterstop Repair	750 g	Grey
19393	Soudal Waterstop Repair	10 Kg	Grey

Recommended use:		Sealant
HSNO Group Standard		HSR002662
UN number, shipping name and packaging group:		UN1263 PAINT RELATED MATERIAL PG III
Supplier contact details:	Soudal Ltd	Freephone: 0800 70 10 80
	134 Kohia Drive	Phone: (07) 847 5540
	Horotiu	Fax: (07) 847 0324
	Hamilton 3288	Email: sales@soudal.co.nz
	New Zealand	Website: www.soudal.co.nz
POISON CENTRE NUMBER: 0800 764 766 (24 hours)		

Section 2 Hazards Identification

Statement of Hazardous Nature
This product is classified as: **HAZARDOUS SUBSTANCE** according to the criteria of GHS v7.

REGULATED under NZS5433:2020 Transport of Dangerous Goods on Land

GHS classification:

Classification		GHS Hazard statements	
Flammable Liquid	**Category 3**	H226	Flammable Liquid & vapour
Skin Sensitisation	**Category 1**	H317	May cause an allergic skin reaction
Reproductive Toxicity	**Category 2**	H361	Suspected of damaging fertility or the unborn child
STOT – RE	**Category 2**	H373	Suspected of damaging organs through prolonged or repeated exposure
STOT – SE RTI	**Category 3**	H335	May cause respiratory irritation
STOT – SE NE	**Category 3**	H336	May cause drowsiness or dizziness
Aspiration	**Category 1**	H304	May be fatal if swallowed and enters airways
Chronic Aquatic Hazard	**Category 3**	H412	Harmful to aquatic life with long lasting effects

HSNO Signal Word: **DANGER**

Precautionary Statements:

P102 Keep out of the reach of children
P103 Read label before use
P202 Do not handle until all safety precautions are read and understood
P210 Keep away from heat, sparks, open flames, hot surfaces. 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
P261 Avoid breathing fumes/ vapours
P271 Use only outdoors or in a well-ventilated place
P264 Wash exposed external body areas thoroughly after handling
P280 Wear protective gloves and protective clothing
P272 Contaminated work clothing should not be allowed out of the workplace
P273 Avoid release to the environment
P101 If medical advice is needed, have product container or label at hand
P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE/ doctor/ physician/ first aider
P331 Do NOT induce vomiting
P302+P352 IF ON SKIN (or hair): Wash with plenty of water and soap
P333+P313 If skin irritation (or rash) occurs: Get medical attention/ advice
P362+P364 Take off contaminated clothing and wash it before reuse
305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
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 foam, carbon dioxide or dry powder to extinguish
P391 Collect spillage
P501 Dispose of contents/ container to authorised hazardous or special waste collection points in accordance with local regulation

Section 3. Composition/Information on Ingredients

INGREDIENT	CAS No	WEIGHT %
C_9 aromatic hydrocarbon solvent	64742-95-6	20 – 30
Hydrocarbons C_{9-11} n-alkanes, isoalkanes, cyclics, <2% aromatics	1174522-20-3	1 – 10
Rosin esters with triethylene glycol	8050-25-7	1 – 10
Toluene	108-88-3	< 1
Ingredients determined to be non-hazardous		balance

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

Eye contact:

Wash out immediately with fresh 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. Seek medical attention without delay; if pain persists or recurs seek medical attention. 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. Other measures are usually unnecessary.

Ingestion:

If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus. If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice. Avoid giving milk or oils. Avoid giving alcohol.

Notes to physician:

Treat symptomatically.

Section 5 Fire-Fighting Measures

Extinguishing media:

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

Fire/ Explosion Hazard:

Liquid and vapour are flammable. Moderate fire hazard when exposed to heat or flame. Vapour forms an explosive mixture with air. Moderate explosion hazard when exposed to heat or flame. Vapour may travel a considerable distance to source of ignition. Heating may cause expansion or decomposition leading to violent rupture of containers. On combustion, may emit toxic fumes of carbon monoxide (CO).

Advice for fire-fighters:

Alert Fire Brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water course. 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.

Section 6 Accidental Release Measures

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 Spill

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 breathing apparatus plus protective gloves. 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 and Storage

Handling:

Avoid skin contact, including inhalation. Wear protective clothing when risk of overexposure 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 or ignition sources. Avoid generation of static electricity. DO NOT use plastic buckets. Earth all lines and equipment. Use spark-free tools when handling. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. 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 flammable liquid storage area. Store away from incompatible materials in a cool, dry, well-ventilated area. DO NOT store in pits, depressions, basements or areas where vapours may be trapped. No smoking, naked lights, heat or ignition sources. Storage areas should be clearly identified, well illuminated, clear of obstruction and accessible only to trained and authorised personnel adequate security must be provided so that unauthorised personnel do not have access. Store according to applicable regulations for flammable materials for storage tanks, containers, piping, buildings, rooms, cabinets, allowable quantities and minimum storage distances. Use non-sparking ventilation systems, approved explosion proof equipment and intrinsically safe electrical systems. Have appropriate extinguishing capability in storage area (e.g. portable fire extinguishers - dry chemical, foam or carbon dioxide) and flammable gas detectors. Keep adsorbents for leaks and spills readily available. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storage and handling recommendations contained within this SDS.

Suitable Container:

Generally packaging as originally supplied with the article or manufactured item is sufficient to protect against physical hazards.

Section 8 Exposure Controls/Personal Protection

Exposure Limits

CAS no.	Substance or ingredient	WES-TWA	WES-STEL
1174522-20-3	Hydrocarbons, C_{9-11} n-alkanes, isoalkanes, cyclics, <2% aromatics	5 mg/m^3	10 mg/m^3
108-88-3	Toluene	75 mg/m^3	377 mg/m^3

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:

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 independent 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. General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in specific circumstances. If risk of overexposure exists, wear approved respirator. Correct fit is essential to obtain adequate protection. Provide adequate ventilation in warehouse or closed storage areas. 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.

Exposure controls:

Control	Protective measure
Eye	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].
Respiratory	Not normally required. Where inadequate ventilation exists then a Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)
Skin	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 watch-bands should be removed and destroyed. No special equipment needed when handling small quantities. OTHERWISE: For potentially moderate exposures: Wear general protective gloves, eg. light weight rubber gloves. For potentially heavy exposures: Wear chemical protective gloves, eg. PVC. and safety footwear. OTHERWISE: Overalls. Skin cleansing cream. Eyewash unit. Do not spray on hot surfaces.

Section 9 Physical and Chemical Properties

General substance properties:

Property	Details
Appearance	Liquid
Colour	Coloured
Odour	Characteristic

pH	Not applicable
Vapour pressure	No data kPa
Vapour Density	>1
Viscosity	53 mm^2/s 40°C
Boiling Point	No data °C
Volatile materials	No data %
Freezing/melting point	Not available
Water Solubility	Immiscible
Specific gravity/density	1.23 g/ml
Flash point	35 °C
Evaporation Rate	No data BuAC = 1
Auto-ignition temperature	Not available °C
Upper and lower flammability limits	Not available % LEL Not available % UEL
Corrosiveness	Not available

Section 10 Stability and Reactivity

Stability:

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

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.

Incompatible materials to avoid:

Oxidising or reducing agents

Hazardous decomposition products:

Carbon monoxide (CO) carbon dioxide (CO_2),) other pyrolysis products typical of burning organic material.

Section 11 Toxicological Information

Summary of Toxicity

Test	Data and symptoms of exposure
Inhaled	The material is not thought to produce either adverse health effects or irritation of the respiratory tract The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation (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 and that suitable control measures be used in an occupational setting. Inhalation hazard is increased at higher temperatures. 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. There may also be drowsiness. 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. The acute toxicity of inhaled alkylbenzene is best described by central nervous system depression. These compounds may also act as general anaesthetics. Whole body symptoms of poisoning include light-headedness, nervousness, apprehension, a feeling of well-being, confusion, dizziness, drowsiness, ringing in the ears, blurred or double vision, vomiting and sensations of heat, cold or numbness, twitching, tremors, convulsions, unconsciousness, depression of breathing, and arrest. Heart stoppage may result from cardiovascular collapse. A slow heart rate and low blood pressure may also occur. Alkylbenzenes are not generally toxic except at high levels of exposure. Their breakdown products have low toxicity and are easily eliminated from the body. Inhalation of aerosols (mists, fumes), generated by the material during the course of normal handling, may be harmful.
Oral	Swallowing of the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis; serious consequences may result. The material has NOT been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence. Accidental ingestion of the material may be damaging to the health of the individual.
Dermal	The material may accentuate any pre-existing dermatitis condition Open cuts, abraded or irritated skin should not be exposed to this material Entry into the bloodstream 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. 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	Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).
Chronic	Repeated or long-term occupational exposure is likely to produce cumulative health effects involving organs or biochemical systems. Skin contact with the material is more likely to cause a sensitisation reaction in some persons compared to the general population. There is ample evidence that this material can be regarded as being able to cause cancer in humans based on experiments and other information. Based on experiments and other information, there is ample evidence to presume that exposure to this material can cause genetic defects that can be inherited. Ample evidence exists that this material directly causes reduced fertility Skin exposure may result in drying and cracking and redness of the skin. 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			
C_9 aromatic hydrocarbon solvent	>4500 mg/kg	>1900 mg/kg	>4.42 mg/L/4h
Hydrocarbons, C_{9-11} n-alkanes, isoalkanes, cyclics, <2% aromatics	>5000 mg/kg	>2000 mg/kg	>5.266 mg/L/4h
Rosin esters with triethylene glycol	>2000 mg/kg	>2000 mg/kg	
Toluene	636 mg/kg	12124 mg/kg	>13350 ppm/4h

Section 12 Ecological Information

Summary of Ecotoxicity

Toxic to aquatic life with long lasting effects. 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.

Ingredient	Fish	Crustacea	Algae
ATE			
C_9 aromatic hydrocarbon solvent	$LC_{50\ 96hr}$ 2.2 mg/L	$EC_{50\ 48hr}$ 6.14 mg/L	$EC_{50\ 72hr}$ 19 mg/L

Hydrocarbons, C_{9-11} n-alkanes, isoalkanes, cyclics, <2% aromatics		NOEC $_{504hr}$ 0.011 mg/L	$EC_{50\ 48hr}$ >100 mg/L
Rosin esters with triethylene glycol	$LC_{50\ 96hr}$ >400 mg/L	$EC_{50\ 48hr}$ 166 mg/L	$EC_{50\ 72hr}$ >1000 mg/L
Toluene	$LC_{50\ 96hr}$ >5 mg/L	$EC_{50\ 48hr}$ 3.78 mg/L	$EC_{50\ 72hr}$ 12.5 mg/L

	Persistence Water/Soil	Persistence Air	Bioaccumulation	Mobility
Rosin esters with triethylene glycol			HIGH	
Toluene	LOW	LOW	LOW	LOW

Section 13 Disposal Considerations

Disposal methods:

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. Legislation addressing waste disposal requirements may differ by country, state and/or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked. A Hierarchy of Controls seems to be common - the user should investigate: Reduction | Reuse | Recycling | Disposal (if all else fails)

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. Shelf-life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate. DO NOT allow wash water from cleaning or process equipment to enter drains. It may be necessary to collect all wash water for treatment before disposal. In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first. Where in doubt contact the responsible authority.

Section 14 Transport Considerations

HAZCHEM **3Y**

Land Transport UNDG

UN Number	**1263**
Shipping Name	**PAINT RELATED MATERIAL**
Class or division	**3**
Subsidiary Risk	Not applicable
UN Packing Group	**III**
Environmental Hazard	**Environmentally hazardous**
Special Provisions	**163 367**
Limited Quantities	**5 L**

Air Transport IATA

UN/ID Number	**1263**
Shipping Name	**PAINT RELATED MATERIAL**
ICAO/IATA Class	**3**
ICAO/IATA Subrisk	Not applicable
ERG Code	**3L**
Packing Group	**III**
Environmental Hazard	**Environmentally hazardous**
Special provision	**A3 A72 A192**
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	**1263**
Shipping Name	**PAINT RELATED MATERIAL**
IMDG Class	**3**
IMDG Subrisk	Not applicable
Packing Group	**III**
Environmental Hazard	**Marine Pollutant**
EmS Number	**F-E S-E**
Special provisions	**163 367**
Limited quantities	**5 L**

Section 15 Regulatory Information

HSNO approval number and Group Standard:

HSR002662 **Surface Coatings & Colourants Flammable**

Group Standard conditions and other regulations:

Condition	Requirement
SDS	Required
Emergency plan	Required when quantities exceed 500 Lt
Certified handler	Not required
Tracking	Not applicable
Bunding and secondary containment	Required dependent upon total quantity and pack size
Signage	Required when quantities exceed 500 Lt
Location Compliance certificate	**Flammable Liquid Category 3** required when quantities exceed 500L in closed container of greater than 5Lt capacity else when quantities exceed 1500L in closed containers of less than 5Lt capacity else when quantities exceed 250L in open containers of any capacity
Hazardous Atmosphere Zone	Required to meet AS/NZS60079.10
Fire extinguisher	2 required when quantities exceed 500 Lt

National Inventories

Y = All ingredients are on the inventory

National Inventories:

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

Section 16 Other Information

Revision History:

April 2026	Reformulated
October 2021	Review and update to GHS v7 format
September 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
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 5433:2020	New Zealand Standard 5433 (Standard for the Transport of Dangerous Goods on Land)
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 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).

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 Hazardous Substances (Safety Data Sheets) Notice 2020

admin@collievale.com Phone +64 7 5432428

End of SDS