

## 20091Section 1 Identification of Chemical Product and Company

| Code  | Description                   | Size  | Colour |
|-------|-------------------------------|-------|--------|
| 20091 | Carbond 955 Windscreen Primer | 30 ml | Black  |

|   |   |
|---|---|
| Recommended use:                              | Sealant   |
| HSNO Group Standard                           | HSR002669   |
| UN number, shipping name and packaging group: | UN 1139   |
| Supplier contact details:                     | Soudal Ltd  |
|   | 134 Kohia Drive   |
|   | Horotiu   |
|   | Hamilton 3288   |
|   | New Zealand   |
|   | Freephone: 0800 70 10 80  |
|   | Phone: (07) 847 5540  |
|   | Email: <a href="mailto:info@soudal.com">info@soudal.com</a>     |
|   | Website: <a href="http://www.soudal.co.nz">www.soudal.co.nz</a> |
| 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  |
|--|--|
| <b>Flammable</b> <b>Category 1</b>                 | H225 Highly flammable liquid and vapour  |
| <b>Skin Irritation</b> <b>Category 2</b>           | H315 Causes skin irritation  |
| <b>Eye Irritation</b> <b>Category 2</b>            | H319 Causes serious eye irritation   |
| <b>Respiratory Sensitisation</b> <b>Category 1</b> | H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled                           |
| <b>Skin Sensitisation</b> <b>Category 1</b>        | H317 May cause an allergic skin reaction   |
| <b>Carcinogenicity</b> <b>Category 2</b>           | H351 Suspected of causing cancer   |
| <b>STOT – RE</b> <b>Category 1</b>                 | H372 Causes damage to organs through prolonged or repeated exposure<br>[Respiratory System   Inhalation] |
| <b>STOT – SE RTI</b> <b>Category 3</b>             | H335 May cause respiratory irritation  |
| <b>STOT – SE NE</b> <b>Category 3</b>              | H336 May cause drowsiness or dizziness   |

HSNO Signal Word:

**DANGER**



**Precautionary Statements:** P102 Keep out of the reach of children

- P103 Read label before use
- 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
- P260 Do not breathe mists/ vapours/ sprays
- P271 Use only outdoors or in a well ventilated place
- P280 Wear protective gloved, protective clothing, eye protection and face protection
- P284 In case of inadequate ventilation wear respiratory protection
- If spraying: Wear air-fed respiratory protection
- P264 Wash all exposed external body areas thoroughly after handling
- P272 Contaminated work clothing should not be allowed out of the workplace
- P405 Store locked up
- P403+235 Store in a well-ventilated place. Keep cool
- P501 Dispose of contents/ container to authorised hazardous or special waste collection points in accordance with local regulations

### Section 3. Composition/Information on Ingredients

| Ingredient  | CAS No.    | Individual GHS classification   | Concentration (% by Wt.) |
|---|------------|---|--------------------------|
| 2-Butanone  | 78-93-3    | Flammable Liquid Category 2   Eye Irritation Category 2   STOT – RE Category 2  | 40 – 60                  |
| n-Butyl acetate   | 123-86-4   | Flammable Liquid Category 2   Acute Inhalation Toxicity Category 4   Eye Irritation Category 2  | 5 – 15                   |
| Polymethylene polyphenyl isocyanate   | 9016-87-9  | Eye Irritation Category 2   Skin Sensitisation Category 1   | 5 – 10                   |
| Polyisocyanate based on hexamethylene diisocyanate and toluene diisocyanate | 26426-91-5 | Eye Irritation Category 2   Skin Sensitisation Category 1   | 5 - 10                   |
| 4,4'-Methylenediphenyl diisocyanate   | 101-68-8   | Acute Inhalation Toxicity Category 2   Skin Irritation Category 2   Eye Irritation Category 2   Respiratory Sensitisation Category 1   Skin Sensitisation Category 1   Carcinogenicity Category 2   STOT – RE Category 1  | 2 - 5                    |
| 3-glycidyloxypropyltrimethoxysilane   | 2630-83-8  | Eye Irritation Category 2   | < 2.5                    |
| Hexamethylene diisocyanate  | 28182-81-2 | Skin Sensitisation Category 1   | < 2.5                    |
| 2-methoxy-1-methylethyl acetate   | 108-65-6   | Flammable Liquid Category 3   Eye Irritation Category 2   | < 2                      |
| 4-methyl-m-phenylene diisocyanate   | 584-84-9   | Acute Inhalation Toxicity Category 1   Eye Irritation Category 2   Respiratory Sensitisation Category 1   Skin Sensitisation Category 1   Carcinogenicity Category 2   STOT – RE Category 1   Chronic Aquatic Hazard Category 3                                 | < 0.1                    |
| Hexamethylene diisocyanate  | 822-06-0   | Acute Oral Toxicity Category 4   Acute Dermal Toxicity Category 3   Acute Inhalation Toxicity Category 1   Skin Irritation Category 2   Eye Irritation Category 2   Respiratory Sensitisation Category 1   Skin Sensitisation Category 1   STOT – RE Category 1 | < 0.1                    |
| Ingredients not contributing to classification                              |            |   | 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:

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. Other measures are usually unnecessary. Following uptake by inhalation, move person to an area free from risk of further exposure. Oxygen or artificial respiration should be administered as needed. Asthmatic-type symptoms may develop and may be immediate or delayed up to several hours. Treatment is essentially symptomatic. A physician should be consulted.

### 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

### General advice and advice for physicians:

Treat symptomatically

## Section 5 Fire-Fighting Measures

### Extinguishing media:

Small quantities of water in contact with hot liquid may react violently with generation of a large volume of rapidly expanding hot sticky semi-solid foam. Presents additional hazard when fire fighting in a confined space. Cooling with flooding quantities of water reduces this risk. Water spray or fog may cause frothing and should be used in large quantities. Alcohol stable foam. Dry chemical powder. Carbon dioxide. Water spray or fog - Large fires only

### Fire/ Explosion Hazard:

Liquid and vapour are highly flammable. Severe fire hazard when exposed to heat or flame. Vapour forms an explosive mixture with air. Severe Liquid and vapour are highly flammable. Severe fire hazard when exposed to heat, flame and/or oxidisers. 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. Wear breathing apparatus plus protective gloves. Consider evacuation 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. 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 Spills:

Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so. Contain spill with sand, earth or vermiculite. Collect recoverable product into labelled containers for recycling. Neutralise/decontaminate residue (see Section 13 for specific agent). Collect solid residues and seal in labelled drums for disposal. Wash area and prevent runoff into drains. After clean-up operations, decontaminate and launder all protective clothing and equipment before storing and re-using. If contamination of drains or waterways occurs, advise emergency services.

## Section 7 Handling and Storage

### Handling:

Contains low boiling substance: Storage in sealed containers may result in pressure buildup causing violent rupture of containers not rated appropriately. Check for bulging containers. Vent periodically Always release caps or seals slowly to ensure slow dissipation of vapours DO NOT allow clothing wet with material to stay in contact with skin Consider storage under inert gas.

### Storage:

Keep dry to avoid corrosion of cans. Corrosion may result in container perforation and internal pressure may eject contents of can Store in original containers in approved flammable liquid storage area. DO NOT store in pits, depressions, basements or areas where vapours may be trapped. No smoking, naked lights, heat or ignition sources. Keep containers securely sealed. Contents under pressure. Store away from incompatible materials. Store in a cool, dry, well-ventilated area. Protect containers against physical damage. Check regularly for spills and leaks. Observe manufacturer's storage and handling recommendations contained within this SDS..

### Suitable Container:

Packing as supplied by manufacturer. Plastic containers may only be used if approved for flammable liquid. Check that containers are clearly labelled and free from leaks. For low viscosity materials Drums and jerry cans must be of the non-removable head type.

## Section 8 Exposure Controls/Personal Protection

### Exposure Limits

| CAS no.   | Substance or ingredient          | WES-TWA                       | WES-STEL                      |
|-----------|----------------------------------|-------------------------------|-------------------------------|
| 78-93-3   | Butanone                         | 445 mg/m <sup>3</sup> 150 ppm | 890 mg/m <sup>3</sup> 300 ppm |
| 123-86-4  | n-Butyl acetate                  | 713 mg/m <sup>3</sup> 150 ppm | 950 mg/m <sup>3</sup> 200 ppm |
| 9016-87-9 | MDI Oligomer                     | 0.02 mg/m <sup>3</sup> as NCO | 0.07 mg/m <sup>3</sup> as NCO |
| 10-68-8   | MDI                              | 0.02 mg/m <sup>3</sup> as NCO | 0.07 mg/m <sup>3</sup> as NCO |
| 822-06-0  | HDI                              | 0.02 mg/m <sup>3</sup> as NCO | 0.07 mg/m <sup>3</sup> as NCO |
| 108-65-6  | Propylene glycol monmethyl ether | 369 mg/m <sup>3</sup> 100 ppm | 553 mg/m <sup>3</sup> 150 ppm |
| 584-84-9  | TDI                              | 0.02 mg/m <sup>3</sup> as NCO | 0.07 mg/m <sup>3</sup> as NCO |

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. 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], [AS/NZS 1336 or national equivalent] |



## SAFETY DATASHEET

|                    |  |   |
|--------------------|--|---|
| <b>Respiratory</b> | <p>Not generally required.</p> <p>If exposure standards are likely to be exceeded, then a Type A filter is recommended.</p> <p>If spraying, then air-fed respiration is mandatory in New Zealand</p>   |     |
| <b>Skin</b>        | <p>Wear chemical protective gloves, e.g. PE/EVAL/PE. Wear safety footwear or safety gumboots, e.g. Rubber</p> <p>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.</p> |    |

## Section 9 Physical and Chemical Properties

### General substance properties:

| Property                                   | Details        |
|--|----------------|
| <b>Appearance</b>                          | Black Liquid   |
| <b>Odour</b>                               | Characteristic |
| <b>pH</b>                                  | Not available  |
| <b>Vapour pressure</b>                     | 105 hPa        |
| <b>Vapour Density</b>                      | Not available  |
| <b>Viscosity</b>                           | Not available  |
| <b>Boiling Point</b>                       | 97 °C          |
| <b>Volatile materials</b>                  | Not available  |
| <b>Freezing/melting point</b>              | Not available  |
| <b>Water Solubility</b>                    | Immiscible     |
| <b>Specific gravity/density</b>            | 0.95 g/ml      |
| <b>Flash point</b>                         | -8 °C          |
| <b>Auto-ignition temperature</b>           | 200 °C         |
| <b>Upper and lower flammability limits</b> | Not available  |
| <b>Corrosiveness</b>                       | 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:

ignition sources

### Incompatible materials to avoid:

Oxidising or reducing agents

#### Hazardous decomposition products:

carbon monoxide (CO) carbon dioxide (CO<sub>2</sub>) other pyrolysis products typical of burning organic material. May emit poisonous fumes. May emit corrosive fumes.

### Section 11 Toxicological Information

#### Summary of Toxicity

| Test           | Data and symptoms of exposure   |
|----------------|---|
| <b>Inhaled</b> | 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. The main effects of simple esters are irritation, stupor and insensibility. Headache, drowsiness, dizziness, coma and behavioural changes may occur. The vapour/mist may be highly irritating to the upper respiratory tract and lungs; the response may be severe enough to produce bronchitis and pulmonary oedema. Gastrointestinal disturbances are characterised by nausea and vomiting. Pulmonary sensitisation may produce asthmatic reactions ranging from minor breathing difficulties to severe allergic attacks; this may occur following a single acute exposure or may develop without warning for several hours after exposure. Sensitized people can react to very low doses and should not be allowed to work in situations allowing exposure to this material. Continued exposure of sensitised persons may lead to possible long term respiratory impairment. Inhalation hazard is increased at higher temperatures. 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. Inhalation of aerosols (mists, fumes), generated by the material during the course of normal handling, may be damaging to the health of the individual. High concentrations depress the central nervous system, causing headache, vertigo, poor concentration, sleep and failure of the heart and breathing |
| <b>Oral</b>    | 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.  |
| <b>Dermal</b>  | The material is not thought to be a skin irritant (as classified by EC Directives using animal models). Temporary discomfort, however, may result from prolonged dermal exposures. Repeated exposure may cause skin cracking, flaking or drying following normal handling and use. Skin contact with the material may damage the health of the individual; systemic effects may result following absorption. 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.   |
| <b>Eye</b>     | If applied to the eyes, this material causes severe eye damage. 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.  |
| <b>Chronic</b> | There has been concern that this material can cause cancer or mutations, but there is not enough data to make an assessment. Inhaling this product is more likely to cause a sensitisation reaction in some persons compared to the general population. 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. Ample evidence exists, from results in experimentation, that developmental disorders are directly caused by human exposure to the material. Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following  |

| Ingredient                            | Oral LD <sub>50</sub> | Dermal LD <sub>50</sub> | Inhalation LC <sub>50</sub> |
|---------------------------------------|-----------------------|-------------------------|-----------------------------|
| ATE                                   |                       |                         |                             |
| Butanone                              | 2054 mg/kg            | 6480 mg/kg              | 32 mg/L/4hr                 |
| n-Butyl acetate                       | 3200 mg/kg            | 3200 mg/kg              | 0.74 mg/L/4h                |
| MDI Oligomer                          | 43000 mg/kg           | > 9400 mg/kg            | 0.49 mg/L/4h                |
| MDI                                   | 2200 mg/kg            | > 6200 mg/kg            | 0.368 mg/L /4h              |
| Gamma-glycidoxypropyltrimethoxysilane | 7010 mg/kg            | 4247 mg/kg              | > 5.3 mg/L/4h               |

## SAFETY DATASHEET

|                                   |            |              |  |
|-----------------------------------|------------|--------------|--|
| Propylene glycol monomethyl ether | 3739 mg/kg | > 2000 mg/kg |  |
|-----------------------------------|------------|--------------|--|

### Section 12 Ecological Information

#### Summary of Ecotoxicity

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   | Crustacean  | Algae  |
|---------------------------------------|--|---|--|
| ATE                                   |  |   |  |
| Butanone                              | LC <sub>50</sub> 96hr 324 mg/L                                     | EC <sub>50</sub> 48hr 308 mg/L                                    | EC <sub>50</sub> 72hr 1220 mg/L<br>EC <sub>50</sub> 96hr >500 mg/L   |
| n-butyl acetate                       | LC <sub>50</sub> 96hr 18 mg/L                                      | EC <sub>50</sub> 48hr 32 mg/L                                     | EC <sub>50</sub> 72hr 246 mg/L                                       |
| MDI                                   | LC <sub>50</sub> 96hr >95 mg/L                                     | EC <sub>50</sub> 48hr >100 mg/L<br>NOEC <sub>504hr</sub> >10 mg/L |  |
| Gamma-glycidoxypropyltrimethoxysilane | LC <sub>50</sub> 96hr 4.9 mg/L<br>NOEC <sub>96hr</sub> 1.5 mg/L    | EC <sub>50</sub> 48hr 473 mg/L                                    | EC <sub>50</sub> 72hr >420 mg/L<br>EC <sub>50</sub> 96hr 250 mg/L    |
| HDI Polymer                           | LC <sub>50</sub> 96hr >100 mg/L                                    | EC <sub>50</sub> 48hr >100 mg/L                                   | EC <sub>50</sub> 72hr >1000 mg/L                                     |
| Propylene glycol monomethyl ether     | LC <sub>50</sub> 96hr 100 mg/L<br>NOEC <sub>1336hr</sub> 47.5 mg/L | EC <sub>50</sub> 48hr 373 mg/L                                    | EC <sub>50</sub> 72hr >1000 mg/L<br>EC <sub>50</sub> 96hr >1000 mg/L |

| Ingredient                            | Persistence Water/<br>Soil | Persistence Air | Bioaccumulation | Mobility |
|---------------------------------------|----------------------------|-----------------|-----------------|----------|
| Butanone                              | LOW                        | LOW             | LOW             | MEDIUM   |
| n-Butyl acetate                       | LOW                        | LOW             | LOW             | LOW      |
| MDI                                   | LOW                        | LOW             | LOW             | LOW      |
| Gamma-glycidoxypropyltrimethoxysilane | HIGH                       | HIGH            | LOW             | LOW      |
| HDI polymer                           | HIGH                       | HIGH            | LOW             | LOW      |
| Propylene glycol monomethyl ether     | LOW                        | LOW             | LOW             | HIGH     |

### Section 13 Disposal Considerations

#### Disposal methods:

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. Consult State Land Waste Management Authority for disposal. Discharge contents of damaged aerosol cans at an approved site. Allow small quantities to evaporate. DO NOT incinerate or puncture aerosol cans. Bury residues and emptied aerosol cans 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. DO NOT deposit the hazardous substance into or onto a landfill or a sewage facility. Burning the hazardous substance must happen under controlled conditions with no person or place exposed to (1) a blast overpressure of more than 9 kPa; or (2) an unsafe level of heat radiation. The disposed hazardous substance must not come into contact with class 1 or 5 substances.

## Section 14 Transport Information



HAZCHEM

3YE

### Land Transport UNDG

UN Number **1866**  
 Shipping Name **RESIN SOLUTION, flammable**  
 Class or division **3**  
 Subsidiary Risk Not applicable  
 UN Packing Group **II**  
 Environmental Hazard not applicable  
 Special Provisions **223**  
 Limited Quantities **1000 ml**

### Air Transport IATA

UN/ID Number **1866**  
 Shipping Name **Resin Solution, flammable**  
 ICAO/IATA Class **3**  
 ICAO/IATA Subrisk None  
 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 **363**  
     Maximum Qty/pack **5 L**  
 Passenger & Cargo Limited Quantity  
     Packing instructions **Y341**  
     Maximum Qty/pack **1 L**

### Marine Transport IMDG

UN Number **1866**  
 Shipping Name **RESIN SOLUTION, flammable**  
 IMDG Class **3**  
 IMDG Subrisk None  
 Packing Group **II**  
 Environmental Hazard not applicable  
 EmS Number **F-E S-E**  
 Special provisions **223 955**  
 Limited quantities **1000 ml**

## Section 15 Regulatory Information

HSNO approval number and Group Standard:

HSR002669 Surface Coatings & Colourants, Flammable, Carcinogenic

Group Standard conditions and other regulations:

| Condition | Requirement |
|-----------|-------------|
| SDS       | Required    |

## SAFETY DATASHEET

|                                   |   |
|-----------------------------------|---|
| Emergency plan                    | Required when quantities exceed 250Lt   |
| Certified handler                 | Not required  |
| Tracking                          | Not applicable  |
| Bunding and secondary containment | Required dependent on total volumes held and pack sizes   |
| Signage                           | Required when quantities exceed 250 Lt  |
| Location Compliance certificate   | <b>Flammable Liquid Category 2</b> required when quantities exceed 100L in closed containers of greater than 5L capacity, and/or greater than 250Lt in closed containers of less than 5L capacity and/or greater than 50Lt in open containers |
| Hazardous Atmosphere Zone         | As per AS/NZS 60079.10  |
| Fire extinguisher                 | 2 Required when quantities exceed 250 Lt  |

### National Inventories

Y = All ingredients are on the inventory

|             |                  |   |
|-------------|------------------|---|
| Australia   | AICS             | Y |
| Canada      | DSL              | Y |
| Canada      | NDSL             | N |
| China       | IECSC            | Y |
| Europe      | EINEC/ELINCS/NLP | N |
| Japan       | ENCS             | N |
| Korea       | KECI             | Y |
| New Zealand | NZIOC            | Y |
| Philippines | PICCS            | Y |
| USA         | TSCA             | Y |
| Taiwan      | TCSI             | Y |
| Mexico      | INSQ             | N |
| Vietnam     | NCI              | Y |
| Russia      | ARIPS            | N |

## Section 16 Other Information

### Revision History:

March 2023 Updated following review.

### 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 <sub>50</sub>            | Lethal concentration 50% - concentration fatal to 50% of the tested population                          |
| LD <sub>50</sub>            | 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)                       |
| SDS                         | Safety data sheet   |

## SAFETY DATASHEET

|           |   |
|-----------|---|
| 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](http://www.epa.govt.nz).  
Workplace exposure limits derived from Workplace Exposure Standards and Biological Exposure Indices 13<sup>th</sup> Edition (April 2022).

***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.***

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[admin@collievale.com](mailto:admin@collievale.com) Phone +64 7 5432428

End of SDS