



ARDEX EG 15 Part A

Ardex (Ardex NZ)

Chemwatch: 52-9739
Version No: 2.1.1.1
Safety Data Sheet according to HSNO Regulations

Chemwatch Hazard Alert Code: 2

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Initial Date: Not Available
S.GHS.NZL.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

| | |
|-------------------------------|--------------------|
| Product name | ARDEX EG 15 Part A |
| Synonyms | Not Available |
| Other means of identification | Not Available |

Relevant identified uses of the substance or mixture and uses advised against

| | |
|--------------------------|---|
| Relevant identified uses | <p>The use of a quantity of material in an unventilated or confined space may result in increased exposure and an irritating atmosphere developing. Before starting consider control of exposure by mechanical ventilation.</p> <ul style="list-style-type: none">▶ Material is mixed and used in accordance with manufacturers directions▶ Mix only as much as is required▶ DO NOT return the mixed material to original containers <p>Applied using a hand trowel or spreader Part A of a three component system. When mixed with Part B (hardener) and Part C (filler) of the ABapoxy System, it provides a system suitable for the fixing, grouting and floor tiles.</p> |
|--------------------------|---|

Details of the manufacturer/importer

| | | |
|-------------------------|--|---|
| Registered company name | Ardex (Ardex NZ) | Ardex (Ardex Australia) |
| Address | 32 Lane Street Woolston Christchurch New Zealand | 20 Powers Road Seven Hills 2147 NSW Australia |
| Telephone | +64 3384 3029 | 1800 224 070 |
| Fax | +64 3384 9779 | +61 2 9838 7817 |
| Website | Not Available | Not Available |
| Email | Not Available | Not Available |

Emergency telephone number

| | | |
|-----------------------------------|---------------|---------------------------------|
| Association / Organisation | Not Available | Not Available |
| Emergency telephone numbers | +64 3373 6900 | 1800 224 070 (Mon-Fri, 9am-5pm) |
| Other emergency telephone numbers | Not Available | Not Available |

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation. Classified as Dangerous Goods for transport purposes.

CHEMWATCH HAZARD RATINGS


| | Min | Max |
|--------------|-----|-----|
| Flammability | 1 | |
| Toxicity | 0 | |
| Body Contact | 2 | |
| Reactivity | 2 | |
| Chronic | 2 | |

0 = Minimum
1 = Low
2 = Moderate
3 = High
4 = Extreme

| | |
|---|---|
| GHS Classification [1] | Skin Corrosion/Irritation Category 2, Eye Irritation Category 2A, Skin Sensitizer Category 1, Carcinogen Category 2, Acute Aquatic Hazard Category 2, Chronic Aquatic Hazard Category 2 |
| Legend: | 1. Classified by Chemwatch; 2. Classification drawn from CCID EPA NZ; 3. Classification drawn from EC Directive 1272/2008 - Annex VI |
| Determined by Chemwatch using GHS/HSNO criteria | 6.3A, 6.4A, 6.5B (contact), 6.7B, 9.1B, 9.1D |

Continued...

Label elements

| | |
|--------------------|---|
| GHS label elements |  |
|--------------------|---|

SIGNAL WORD

WARNING

Hazard statement(s)

| | |
|------|---|
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H317 | May cause an allergic skin reaction |
| H351 | Suspected of causing cancer |
| H401 | Toxic to aquatic life |
| H411 | Toxic to aquatic life with long lasting effects |

Precautionary statement(s) Prevention

| | |
|------|--|
| P201 | Obtain special instructions before use. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P273 | Avoid release to the environment. |

Precautionary statement(s) Response

| | |
|----------------|--|
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
| P302+P352 | IF ON SKIN: Wash with plenty of water and soap |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |

Precautionary statement(s) Storage

| | |
|------|------------------|
| P405 | Store locked up. |
|------|------------------|

Precautionary statement(s) Disposal

| | |
|------|--|
| P501 | Dispose of contents/container to authorised chemical landfill or if organic to high temperature incineration |
|------|--|

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

| CAS No | %[weight] | Name |
|---------------|-----------|--|
| 25068-38-6 | >60 | <u>bisphenol A/ diglycidyl ether resin, liquid</u> |
| 26761-45-5 | 10-30 | <u>glycidyl neodecanoate</u> |
| Not Available | 10-30 | non hazardous ingredients |

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES

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

Description of first aid measures

| | |
|--------------|---|
| Eye Contact | <p>If this product comes in contact with the eyes:</p> <ul style="list-style-type: none"> ▶ 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 | <p>If skin contact occurs:</p> <ul style="list-style-type: none"> ▶ 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 | <ul style="list-style-type: none"> ▶ If fumes, aerosols or combustion products are inhaled remove from contaminated area. ▶ Other measures are usually unnecessary. |
| Ingestion | <ul style="list-style-type: none"> ▶ Immediately give a glass of water. ▶ First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. |

Continued...

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES**Extinguishing media**

- ▶ Foam.
- ▶ Dry chemical powder.
- ▶ BCF (where regulations permit).
- ▶ Carbon dioxide.

Special hazards arising from the substrate or mixture

- | | |
|-----------------------------|--|
| Fire Incompatibility | ▶ Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result |
|-----------------------------|--|

Advice for firefighters**Fire Fighting**

- ▶ Alert Fire Brigade and tell them location and nature of hazard.
- ▶ Wear full body protective clothing with breathing apparatus.
- ▶ Prevent, by any means available, spillage from entering drains or water course.
- ▶ Use water delivered as a fine spray to control fire and cool adjacent area.

Fire/Explosion Hazard

- ▶ Combustible.
- ▶ Slight fire hazard when exposed to heat or flame.
- ▶ Heating may cause expansion or decomposition leading to violent rupture of containers.
- ▶ On combustion, may emit toxic fumes of carbon monoxide (CO).

SECTION 6 ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Minor Spills**

- Environmental hazard - contain spillage.
- ▶ Clean up all spills immediately.
 - ▶ Avoid breathing vapours and contact with skin and eyes.
 - ▶ Control personal contact with the substance, by using protective equipment.

Major Spills

- Environmental hazard - contain spillage.
Moderate hazard.
- ▶ Clear area of personnel and move upwind.
 - ▶ Alert Fire Brigade and tell them location and nature of hazard.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE**Precautions for safe handling****Safe 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**
 - ▶ Avoid all personal contact, including inhalation.
 - ▶ Wear protective clothing when risk of exposure occurs.

Other information

- ▶ Store in original containers.
- ▶ Keep containers securely sealed.
- ▶ No smoking, naked lights or ignition sources.
- ▶ Store in a cool, dry, well-ventilated area.

Conditions for safe storage, including any incompatibilities**Suitable container**

- ▶ Metal can or drum
- ▶ Packaging as recommended by manufacturer.
- ▶ Check all containers are clearly labelled and free from leaks.

Storage incompatibility

- ▶ Avoid strong acids, bases.
- ▶ Avoid cross contamination between the two liquid parts of product (kit).
- ▶ If two part products are mixed or allowed to mix in proportions other than manufacturer's recommendation, polymerisation with gelation and evolution of heat (exotherm) may occur.
- ▶ This excess heat may generate toxic vapour
- ▶ Avoid reaction with amines, mercaptans, strong acids and oxidising agents

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**Control parameters**

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Not Available


EMERGENCY LIMITS

Continued...

| Ingredient | Material name | TEEL-1 | TEEL-2 | TEEL-3 |
|---|-------------------------|----------|-----------|------------|
| bisphenol A/ diglycidyl ether resin, liquid | Epoxy resin (EPON 1001) | 90 mg/m3 | 990 mg/m3 | 5900 mg/m3 |
| bisphenol A/ diglycidyl ether resin, liquid | Epoxy resin (EPON 1007) | 90 mg/m3 | 990 mg/m3 | 5900 mg/m3 |
| bisphenol A/ diglycidyl ether resin, liquid | Epoxy resin (EPON 820) | 41 mg/m3 | 450 mg/m3 | 2700 mg/m3 |
| bisphenol A/ diglycidyl ether resin, liquid | Epoxy resin ERL-2795 | 32 mg/m3 | 350 mg/m3 | 2100 mg/m3 |

| Ingredient | Original IDLH | Revised IDLH |
|---|---------------|---------------|
| bisphenol A/ diglycidyl ether resin, liquid | Not Available | Not Available |
| glycidyl neodecanoate | Not Available | Not Available |
| non hazardous ingredients | Not Available | Not Available |

Exposure controls

| | |
|---|--|
| Appropriate engineering controls | <p>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.</p> <p>The basic types of engineering controls are:</p> <p>Process controls which involve changing the way a job activity or process is done to reduce the risk.</p> <p>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.</p> |
| Personal protection |  |
| Eye and face protection | <ul style="list-style-type: none"> 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. |
| Skin protection | See Hand protection below |
| Hands/feet protection | <p>NOTE:</p> <ul style="list-style-type: none"> 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. <p>The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer.</p> |
| Body protection | See Other protection below |
| Other protection | <ul style="list-style-type: none"> Overalls. P.V.C. apron. Barrier cream. |
| Thermal hazards | Not Available |

Recommended material(s)

GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:

"Forsberg Clothing Performance Index".

The effect(s) of the following substance(s) are taken into account in the **computer-generated** selection:

ARDEX EG 15 Part A Not Available

| Material | CPI |
|----------|-----|
| | |

* CPI - Chemwatch Performance Index

A: Best Selection

B: Satisfactory; may degrade after 4 hours continuous immersion

C: Poor to Dangerous Choice for other than short term immersion

NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -

* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

Respiratory protection

Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required.

Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

| Required Minimum Protection Factor | Half-Face Respirator | Full-Face Respirator | Powered Air Respirator |
|------------------------------------|----------------------|----------------------|-------------------------|
| up to 10 x ES | A-AUS P2 | - | A-PAPR-AUS / Class 1 P2 |
| up to 50 x ES | - | A-AUS / Class 1 P2 | - |
| up to 100 x ES | - | A-2 P2 | A-PAPR-2 P2 ^ |

^ - Full-face

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|--|-------------------------------------|-------------|
| Appearance | Clear, colourless to pale yellow liquid with a very mild odour; emulsifiable in water. | | |
| Physical state | Liquid | Relative density (Water = 1) | 1.06 @ 23 C |

ARDEX EG 15 Part A

| | | | |
|---|----------------|--|----------------|
| Odour | Not Available | Partition coefficient n-octanol / water | Not Available |
| Odour threshold | Not Available | Auto-ignition temperature (°C) | Not Available |
| pH (as supplied) | Not Applicable | Decomposition temperature | Not Available |
| Melting point / freezing point (°C) | Not Available | Viscosity (cSt) | Not Available |
| Initial boiling point and boiling range (°C) | Not Available | Molecular weight (g/mol) | Not Applicable |
| Flash point (°C) | >100 | Taste | Not Available |
| Evaporation rate | Not Available | Explosive properties | Not Available |
| Flammability | Not Applicable | Oxidising properties | Not Available |
| Upper Explosive Limit (%) | Not Applicable | Surface Tension (dyn/cm or mN/m) | Not Available |
| Lower Explosive Limit (%) | Not Applicable | Volatile Component (%vol) | Not Available |
| Vapour pressure (kPa) | Not Available | Gas group | Not Available |
| Solubility in water (g/L) | Emulsifiable | pH as a solution (1%) | Not Applicable |
| Vapour density (Air = 1) | Not Available | VOC g/L | Not Available |

SECTION 10 STABILITY AND REACTIVITY

| | |
|---|--|
| Reactivity | See section 7 |
| Chemical stability | <ul style="list-style-type: none"> ▶ Unstable in the presence of incompatible materials. ▶ Product is considered stable. ▶ Hazardous polymerisation will not occur. |
| Possibility of hazardous reactions | See section 7 |
| Conditions to avoid | See section 7 |
| Incompatible materials | See section 7 |
| Hazardous decomposition products | See section 5 |

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

| | |
|---------------------|---|
| Inhaled | There is some evidence to suggest that the material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage. The use of a quantity of material in an unventilated or confined space may result in increased exposure and an irritating atmosphere developing. Before starting consider control of exposure by mechanical ventilation. |
| Ingestion | 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. |
| Skin Contact | This material can cause inflammation of the skin on contact in some persons. 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 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. |
| Eye | This material can cause eye irritation and damage in some persons. |
| Chronic | 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. Glycidyl ethers can cause genetic damage and cancer. |

| | | |
|--|---|----------------------------|
| ARDEX EG 15 Part A | TOXICITY | IRRITATION |
| | Not Available | Not Available |
| bisphenol A/ diglycidyl ether resin, liquid | TOXICITY | IRRITATION |
| | Dermal (rabbit) LD50: >6000 mg/kg ^[2] | Eye (rabbit): 100mg - Mild |
| | Oral (rat) LD50: >2400 mg/kg ^[2] | |
| glycidyl neodecanoate | TOXICITY | IRRITATION |
| | dermal (rat) LD50: 3800 mg/kg ^[2] | [SHELL] |
| | Inhalation (rat) LC50: >0.24 mg/L4 h ^[1] | |
| | Oral (rat) LD50: >10000 mg/kg ^[2] | |
| Legend: | 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. * Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances | |

| | |
|--|--|
| BISPHENOL A/ DIGLYCIDYL ETHER RESIN, LIQUID | Foetotoxicity has been observed in animal studies Oral (rabbit, female) NOEL 180 mg/kg (teratogenicity); NOEL (maternal 60 mg/kg) |
| GLYCIDYL NEODECANOATE | The material has a low order of acute toxicity by the oral, dermal, and inhalation routes of exposure. It is mildly irritating to the eyes and non-irritating to the skin. Dermal sensitisation has been observed in guinea pigs and has been reported in humans following occupational exposure. In vitro genotoxicity testing indicated weak mutagenic activity in point mutation assays with metabolic activation using Salmonella, but not in E. coli or yeast. Acute Toxicity The material has a low order of acute toxicity by the oral, dermal, and inhalation routes of exposure. In rats, the oral LD50 was greater than 10 ml/kg (approximately 10 g/kg) and the dermal LD50 was greater than 4 ml/kg (approximately 4 g/kg). The rat 4-hour inhalation LC50 was greater than 0.24 mg/L (approximately 240 mg/m3), a concentration exceeding the saturated vapor pressure. Due to the low vapor pressure resulting in a low level of maximal attainable vapor concentration, inhalation exposure is expected to pose a negligible hazard. Repeated Dose Toxicity A low order of toxicity was observed in rats following five-week dietary testing. Treatment-related effects were limited to the upper two dietary dose levels of 5,000 and 10,000 ppm (approximately 478 and 888 mg/kg/day body weight, respectively). Dose-related effects at these two dietary levels included: decreased food intake and body weights, minor changes in hematology and clinical chemistry, increased liver and kidney weights and nephrotoxicity to the proximal tubules of the kidneys that was more pronounced in males than in females. The Lowest Observed Adverse Effect Level (LOAEL) was 5,000 ppm in the diet (approximately 478 mg/kg/day body weight) and the No Observed Adverse Effect Level (NOAEL) was 1,000 ppm in the diet (approximately 96 mg/kg/day body weight). * HPV Chemical Challenge Program 2003 |
| BISPHENOL A/ DIGLYCIDYL ETHER RESIN, LIQUID & GLYCIDYL NEODECANOATE | The following information refers to contact allergens as a group and may not be specific to this product. Contact allergies quickly manifest themselves as contact eczema, more rarely as urticaria or Quincke's oedema. The pathogenesis of contact eczema involves a cell-mediated (T lymphocytes) immune reaction of the delayed type. Other allergic skin reactions, e.g. contact urticaria, involve antibody-mediated immune reactions. |

| | | | |
|--|---|---------------------------------|---|
| Acute Toxicity | ☐ | Carcinogenicity | ✓ |
| Skin Irritation/Corrosion | ✓ | Reproductivity | ☐ |
| Serious Eye Damage/Irritation | ✓ | STOT - Single Exposure | ☐ |
| Respiratory or Skin sensitisation | ✓ | STOT - Repeated Exposure | ☐ |
| Mutagenicity | ☐ | Aspiration Hazard | ☐ |

Legend: ✓ – Data required to make classification available
 ✗ – Data available but does not fill the criteria for classification
 ☐ – Data Not Available to make classification

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|---|-------------------------|------------------|
| bisphenol A/ diglycidyl ether resin, liquid | HIGH | HIGH |
| glycidyl neodecanoate | HIGH | HIGH |

Bioaccumulative potential

| Ingredient | Bioaccumulation |
|---|-----------------------|
| bisphenol A/ diglycidyl ether resin, liquid | LOW (LogKOW = 2.6835) |
| glycidyl neodecanoate | LOW (LogKOW = 3.7305) |

Mobility in soil

| Ingredient | Mobility |
|---|-------------------|
| bisphenol A/ diglycidyl ether resin, liquid | LOW (KOC = 51.43) |
| glycidyl neodecanoate | LOW (KOC = 105.5) |

SECTION 13 DISPOSAL CONSIDERATIONS



Waste treatment methods

| | |
|-------------------------------------|---|
| Product / Packaging disposal | <ul style="list-style-type: none"> Containers may still present a chemical hazard/ danger when empty. Return to supplier for reuse/ recycling if possible. Otherwise: <ul style="list-style-type: none"> If container can not 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 MSDS and observe all notices pertaining to the product. |
|-------------------------------------|---|

Ensure that the disposal of material is carried out in accordance with Hazardous Substances (Disposal) Regulations 2001.

SECTION 14 TRANSPORT INFORMATION

Labels Required

| | |
|------------------|---|
| |  |
| Marine Pollutant |  |
| HAZCHEM | Not Applicable |

Land transport (UN)

| | |
|------------------------------|--|
| UN number | 3082 |
| Packing group | III |
| UN proper shipping name | Not Applicable |
| Environmental hazard | No relevant data |
| Transport hazard class(es) | Class : 9 Subrisk : Not Applicable |
| Special precautions for user | Special provisions : Not Applicable Limited quantity : Not Applicable |

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

| Source | Ingredient | Pollution Category |
|---|-----------------------|--------------------|
| IMO MARPOL 73/78 (Annex II) - List of Noxious Liquid Substances Carried in Bulk | glycidyl neodecanoate | Y |

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

This substance is to be managed using the conditions specified in an applicable Group Standard

| HSR Number | Group Standard |
|------------|--|
| HSR002531 | Cleaning Products (Toxic [6.7]) Group Standard 2006 |
| HSR002596 | Laboratory Chemicals and Reagent Kits Group Standard 2006 |
| HSR002607 | Lubricants (Toxic [6.7]) Group Standard 2006 |
| HSR002586 | Fuel Additives (Toxic [6.7]) Group Standard 2006 |
| HSR002520 | Aerosols (Toxic [6.7]) Group Standard 2006 |
| HSR002521 | Animal Nutritional and Animal Care Products Group Standard 2006 |
| HSR002646 | Polymers (Toxic [6.7]) Group Standard 2006 |
| HSR002647 | Reagent Kits Group Standard 2006 |
| HSR002616 | Metal Industry Products (Toxic [6.7]) Group Standard 2006 |
| HSR002625 | N.O.S. (Toxic [6.1, 6.7]) Group Standard 2006 |
| HSR002639 | Photographic Chemicals (Toxic [6.7]) Group Standard 2006 |
| HSR002512 | Additives, Process Chemicals and Raw Materials (Toxic [6.7]) Group Standard 2006 |
| HSR002560 | Dental Products (Toxic [6.7]) Group Standard 2006 |
| HSR002568 | Embalming Products (Toxic [6.7]) Group Standard 2006 |
| HSR002679 | Surface Coatings and Colourants (Toxic [6.7]) Group Standard 2006 |
| HSR100425 | Pharmaceutical Active Ingredients Group Standard 2010 |
| HSR002601 | Leather and Textile Products (Toxic [6.7]) Group Standard 2006 |
| HSR002687 | Water Treatment Chemicals (Toxic [6.7]) Group Standard 2006 |
| HSR002648 | Refining Catalysts Group Standard 2006 |
| HSR002551 | Corrosion Inhibitors (Toxic [6.7]) Group Standard 2006 |
| HSR002552 | Cosmetic Products Group Standard 2006 |

| | |
|-----------|---|
| HSR100757 | Veterinary Medicine (Limited Pack Size, Finished Dose) Standard 2012 |
| HSR100758 | Veterinary Medicines (Non-dispersive Closed System Application) Group Standard 2012 |
| HSR100759 | Veterinary Medicines (Non-dispersive Open System Application) Group Standard 2012 |
| HSR002655 | Solvents (Toxic [6.7]) Group Standard 2006 |

BISPHENOL A/ DIGLYCIDYL ETHER RESIN, LIQUID(25068-38-6) IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals

New Zealand Inventory of Chemicals (NZIoC)

GLYCIDYL NEODECANOATE(26761-45-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals

New Zealand Inventory of Chemicals (NZIoC)

Location Test Certificate

Subject to Regulation 55 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations, a location test certificate is required when quantity greater than or equal to those indicated below are present.

| Hazard Class | Quantity beyond which controls apply for closed containers | Quantity beyond which controls apply when use occurring in open containers |
|----------------|--|--|
| Not Applicable | Not Applicable | Not Applicable |

Approved Handler

Subject to Regulation 56 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations and Regulation 9 of the Hazardous Substances (Classes 6, 8, and 9 Controls) Regulations, the substance must be under the personal control of an Approved Handler when present in a quantity greater than or equal to those indicated below.

| Class of substance | Quantities |
|--------------------|----------------|
| Not Applicable | Not Applicable |

Refer Group Standards for further information

| National Inventory | Status |
|-------------------------------|---|
| Australia - AICS | Y |
| Canada - DSL | Y |
| Canada - NDSL | N (glycidyl neodecanoate; bisphenol A/ diglycidyl ether resin, liquid) |
| China - IECSC | Y |
| Europe - EINEC / ELINCS / NLP | Y |
| Japan - ENCS | Y |
| Korea - KECI | Y |
| New Zealand - NZIoC | Y |
| Philippines - PICCS | Y |
| USA - TSCA | Y |
| Legend: | Y = All ingredients are on the inventory N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets) |

SECTION 16 OTHER INFORMATION**Other information****Ingredients with multiple cas numbers**

| Name | CAS No |
|---|------------------------|
| bisphenol A/ diglycidyl ether resin, liquid | 25068-38-6, 25085-99-8 |
| glycidyl neodecanoate | 26761-45-5, 71206-09-2 |

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:

www.chemwatch.net

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

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TEL (+61 3) 9572 4700.