

SAFETY DATA SHEET

SDS: 0062888

Date Prepared: 21-Nov-2025

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1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: AQUACOLOUR A WHITE
Product Description: Hardener for epoxy resins
Intended/Recommended Use: Epoxy curative
Uses advised against: Not available

Bondlast Construction Products.
24-28 Lady Ruby Drive, East Tamaki, Auckland 2013, New Zealand

For Product and all Non-Emergency Information call +64 (09) 267 2772 (business hours only) or contact us at <https://www.dglbondlast.co.nz/contact/>

EMERGENCY TELEPHONE NUMBER

Poisons Information Centre, New Zealand: 0800 764 766

2. HAZARDS IDENTIFICATION

Regulatory information

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Notice 2020

EPA New Zealand HSNO approval code or group standard: HSR002503

Group Standard: Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2020

GHS Classification

Skin Corrosion Category 1B

Serious Eye Damage / Eye Irritation Category 1

Skin Sensitizer Category 1

Hazardous to the Aquatic Environment Chronic Category 2

LABEL ELEMENTS



Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage

May cause an allergic skin reaction

Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention

Do not breathe dust/fume/gas/mist/vapours/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatment (see supplemental first aid instructions on this label). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Take off contaminated clothing and wash it before reuse. Collect spillage.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with local and national regulations.

OTHER HAZARDS

Not applicable

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Substance or Mixture?: Mixture

Component / CAS No.	%
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with triethylenetetramine 38294-69-8	15-<20
Titanium Dioxide 13463-67-7	15-20
Alumina 1344-28-1	1-3
Triethylenetetramine 112-24-3	1-<3

4. FIRST-AID MEASURES

Emergency telephone number

Poisons Information Centre, New Zealand: 0800 764 766

First-aid Measures

Inhalation:

Remove to fresh air. Get medical attention immediately if symptoms occur.

Skin Contact:

Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor. If symptoms persist, call a doctor. If skin irritation persists, call a physician.

Eye Contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Ingestion:

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.

Most Important Symptoms and Effects, Acute and Delayed

Burning sensation. Itching. Rashes. Hives.

Immediate Medical Attention and Special Treatment

Not applicable.

Notes To Physician:

Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. May cause sensitisation in susceptible persons. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media:

full water jet.

Protective Equipment:

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Special Hazards:

In case of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapours. Product is or contains a sensitiser. May cause sensitization by skin contact.

HAZCHEM Code: 2X

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Methods For Containment:

Prevent further leakage or spillage if safe to do so.

Methods For Cleaning Up:

Take up mechanically, placing in appropriate containers for disposal.

Environmental Precautions:

Avoid release to the environment.

References to other sections:

See Sections 7, 8 and 13 for additional information.

7. HANDLING AND STORAGE

Handling

Precautions: Do not breathe dust/fume/gas/mist/vapours/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

Special Handling Statements: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash it before reuse.

Storage

Keep container tightly closed and dry in a cool, well-ventilated place. Store locked up. Keep out of reach of children. Keep from freezing.

Storage Temperature: Ambient temperature

Reason: Quality.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

CONTROL PARAMETERS - Limits

Titanium Dioxide 13463-67-7

New Zealand:	10 mg/m ³ (TWA)
ACGIH (TLV):	0.2 mg/m ³ nanoscale respirable particulate matter (TWA) 2.5 mg/m ³ finescale respirable particulate matter (TWA)

Alumina 1344-28-1

New Zealand:	10 mg/m ³ (TWA)
ACGIH (TLV):	1 mg/m ³ respirable particulate matter (TWA)

Biological Exposure Limit(s)

No values have been established.

Engineering Measures:

Ensure adequate ventilation, especially in confined areas.

Respiratory Protection:

Where exposures exceed the established exposure limit, use respiratory protection recommended for the material and level of exposure. Where exposures are below the established exposure limit, no respiratory protection is required. Where respiratory protection is required, use a respirator selected and in accordance with AS/NZS 1715 and AS/NZS 1716.

Eye protection:

Tight sealing safety goggles. Face protection shield.

Skin Protection:

Wear suitable protective clothing. Apron. Gloves made of plastic or rubber.

Hand protection:

Wear protective gloves. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. Replace gloves immediately when torn or any change in appearance (dimension, colour, flexibility etc) is noticed.

Additional Advice:

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	liquid
Colour:	white
Odor:	weak
Odor Threshold:	See Section 8 for exposure limits.
Melting Point:	Not available
Boiling Point:	100 °C
Flammability:	Not available
Flammable Limits (% By Vol):	Not available
Flash point:	> 100 °C
Autoignition temperature:	Not available
Decomposition Temperature:	Not available
pH:	Not available
Viscosity (Kinematic):	339 mm ² /s
Viscosity (Dynamic):	400 - 1000 mPa.s
Solubility In Water:	Miscible
Solubility In Solvent:	Not available
Partition coefficient n-octanol/water (log value):	Not available
Vapor Pressure:	Not available
Specific Gravity/Density:	1.18 g/cm ³
Vapour density:	Not available
Particle characteristics:	Not applicable

9.2 OTHER INFORMATION

9.2.1 Information with regard to physical hazard classes

Not applicable

9.2.2 Other safety characteristics

Not applicable

10. STABILITY AND REACTIVITY

Reactivity:	No information available
Stability:	Stable
Conditions To Avoid:	Protect from heat and direct sunlight.
Polymerization:	Will not occur

Conditions To Avoid:	None known.
Materials To Avoid:	Strong oxidizing agents. Strong acids Strong bases
Hazardous Decomposition Products:	None known

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin, Eyes, Oral.

HEALTH HAZARD INFORMATION

Acute toxicity - oral: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Acute toxicity - dermal: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Acute toxicity - inhalation: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Skin corrosion / irritation: Causes severe skin burns and eye damage

Serious eye damage / eye irritation: Causes serious eye damage

Respiratory sensitization: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Skin sensitization: May cause an allergic skin reaction

Carcinogenicity: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Germ cell mutagenicity: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Reproductive toxicity: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Specific target organ toxicity (single exposure): Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Not Classified. - Based on available data and/or professional judgment, the classification criteria are not met.

Aspiration hazard: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

PRODUCT TOXICITY INFORMATION

ACUTE TOXICITY DATA

oral	rat	Acute LD50	> 2000 mg/kg
dermal	rabbit	Acute LD50	> 2000 mg/kg
inhalation	rat	Acute LC50 4 hr	> 5 mg/l (Dust/Mist)

LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation	Skin	Causes burns.
Acute Irritation	eye	Risk of serious damage to eyes. Causes burns.

ALLERGIC SENSITIZATION

Sensitization	Skin	Severe Sensitizing
Sensitization	respiratory	No data

GENOTOXICITY

Assays for Gene Mutations

Ames Salmonella Assay	No data
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Chronic toxicity

OTHER INFORMATION

The product toxicity information above has been estimated.

HAZARDOUS INGREDIENT TOXICITY DATA

Phenol, 4,4'-(1-methylethylidene)bis-, polymer with N,N'-bis(2-aminoethyl)-1,2-ethanediamine and (chloromethyl)oxirane has acute oral (rat) LD50 value between 300 and 2000 mg/kg. This substance is corrosive to the skin and eyes. Allergic reactions upon dermal exposure are possible. In vitro studies on structural analogues have not shown genotoxic potential. Upon repeated exposure via the oral route with a structural analogue, target organ toxicity or developmental toxicity was not observed.

Titanium dioxide has an acute oral (rat) LD50 value of >5000 mg/kg. No mortality was observed up concentrations of 6.82 mg/L. In vivo skin and eye irritation studies with titanium dioxide have not showed adverse effects. Titanium dioxide has not shown skin nor respiratory sensitising properties. Based on a comprehensive dataset of in vitro and in vivo studies, genotoxicity is not expected. Titanium dioxide does not present a reproductive toxicity hazard. Titanium dioxide has extensively been tested for carcinogen effects via the inhalation route. Tumours were observed, but there is a general consensus that the tumours are not induced by intrinsic carcinogenic effects of Titanium dioxide, but rather by physical toxicity due to lung overload. The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter up to 10µm.

Alumina is considered a nuisance particulate which will not cause adverse health effects other than respiratory congestion or irritation.

Triethylenetetramine (TETA) has acute oral (rat) and acute dermal (rabbit) LD50 values of 1716 mg/kg and 1465 mg/kg, respectively. Direct contact with TETA can produce severe skin irritation with necrosis and moderate to severe eye irritation. Skin contact may cause an allergic skin reaction. Inhalation of TETA may cause respiratory tract irritation/burns and potential respiratory sensitization in sensitive individuals. TETA was mutagenic in the Ames test and produced genetic damage in an E. coli differential repair assay but did not induce chromosomal aberrations in the in vivo mouse micronucleus assay. TETA did not exhibit carcinogenic potential in a lifetime mouse skin painting study.

12. ECOLOGICAL INFORMATION

Aquatic Chronic Toxicity: Toxic to aquatic life with long lasting effects

The ecological assessment for this material is based on an evaluation of its components.

TOXICITY

Not available

BIOACCUMULATIVE POTENTIAL

Not available

PERSISTENCE AND DEGRADABILITY

Not available

MOBILITY IN SOIL

Not available

OTHER ADVERSE EFFECTS**HAZARD TO THE OZONE LAYER**

Not available

HAZARDOUS INGREDIENT TOXICITY DATA

Component / CAS No.	Toxicity to Fish
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with triethylenetetramine (38294-69-8)	NOAEL = 0.16 mg/L - Oncorhynchus mykiss - 96hrs (read across)
Titanium Dioxide (13463-67-7)	No toxicity observed up to the water solubility
Alumina (1344-28-1)	Not available
Triethylenetetramine (112-24-3)	LC50 = 570 mg/L - Poecilia reticulata (96h) LC50 = 495 mg/L - Pimephales promelas (96h)

Component / CAS No.	Toxicity to Water Flea
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with triethylenetetramine (38294-69-8)	NOAEL = 1 mg/L - Daphnia magna - 48hrs (read across)
Titanium Dioxide (13463-67-7)	No toxicity observed up to the water solubility
Alumina (1344-28-1)	Not available
Triethylenetetramine (112-24-3)	EC50 = 31.1 mg/L - Daphnia magna (48h)

Component / CAS No.	Toxicity to Algae
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with triethylenetetramine (38294-69-8)	EL50 = 0.31 mg/L - Pseudokirchneriella subcapitata - 72hrs (read across) EL10 = 0.26 mg/L - Pseudokirchneriella subcapitata - 72hrs (read across)
Titanium Dioxide (13463-67-7)	No toxicity observed up to the water solubility
Alumina (1344-28-1)	Not available
Triethylenetetramine (112-24-3)	EC50 = 2.5 mg/L - Desmodesmus subspicatus (72h) EC50 = 20 mg/L - Pseudokirchneriella subcapitata (72h)

	EC50 = 3.7 mg/L - Pseudokirchneriella subcapitata (96h)
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Component / CAS No.	Partition coefficient
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with triethylenetetramine (38294-69-8)	0.292
Titanium Dioxide (13463-67-7)	Not available
Alumina (1344-28-1)	Not available
Triethylenetetramine (112-24-3)	-1.4

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

The company encourages the recycle and reuse of products and packaging, where possible and permitted.

Product disposal

When recycle or reuse is not possible, the company recommends that our products, especially when classified as hazardous, be disposed of by thermal treatment or incineration at approved facilities. All local and national regulations should be followed.

Packaging disposal

Handle contaminated packages in the same way as the product itself. Disposal of emptied and cleaned packaging must be made in accordance with applicable local and national regulations.

Disposal-relevant information

Do not release directly or indirectly to surface water, ground water, soil or public sewage system.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

Road transport

Dangerous Goods? X

PROPER SHIPPING NAME: POLYAMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class: 8

UN Number: UN2735

Packing Group: II

Transport Label Required: corrosive
Marine pollutant

TECHNICAL NAME (N.O.S.): (PHENOL, 4,4-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH 2,2-[(1-METHYLETHYLIDENE)BIS(4,1-PHENYLENEOXYMETHYLENE)]BIS[OXIRANE])

HAZCHEM Code: 2X

IERG: 36

IMO

Dangerous Goods? X

UN PROPER SHIPPING NAME: POLYAMINES, LIQUID, CORROSIVE, N.O.S.

Transport Hazard Class: 8
UN Number: UN2735
Packing Group: II
Transport Label Required: Corrosive
Marine Pollutant

Marine Pollutant

TECHNICAL NAME (N.O.S.): (PHENOL, 4,4-(1-METHYLETHYLIDENE)BIS-,POLYMER WITH 2,2-[(1-METHYLETHYLIDENE)BIS(4,1-PHENYLENEOXYMETHYLENE)]BIS[OXIRANE])

ICAO / IATA

Dangerous Goods? X

UN PROPER SHIPPING NAME: POLYAMINES, LIQUID, CORROSIVE, N.O.S.

Transport Hazard Class: 8
Packing Group: II
UN Number: UN2735
Transport Label Required: Corrosive

TECHNICAL NAME (N.O.S.): (PHENOL, 4,4-(1-METHYLETHYLIDENE)BIS-,POLYMER WITH 2,2-[(1-METHYLETHYLIDENE)BIS(4,1-PHENYLENEOXYMETHYLENE)]BIS[OXIRANE])

SPECIAL PRECAUTIONS FOR USER

Keep cool. Protect from sunlight.

15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product in question

Ozone Depleting Substances (Regulation (EC) No 1005/2009): Not applicable

Persistent Organic Pollutants (Regulation (EC) No 850/2004): Not applicable

EPA New Zealand HSNO approval code or group standard: HSR002503

Group Standard: Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2020

Health and Safety at Work Hazardous Substances Regulations 2017

Tracking:

This product does not require tracking

Certified Handler:

This product does not require a certified handler.

Controlled Substance: This product does not require a Controlled Substance Licence

Inventory Information

New Zealand: This product is approved or exempt under the Hazardous Substances and New Organisms (HSNO) Act.

Australia: All components of this product are included in the Australian Inventory of Industrial Chemicals (AIIC) or are not required to be listed on AIIC.

United States (USA): One or more components of this product are NOT included on the U.S. Toxic Substances Control Act (TSCA) Inventory. The chemical, physical, and toxicological properties of this material have not been fully investigated. Its handling or use may be hazardous, and it must be used under the supervision of technically qualified individuals. Materials not included on the TSCA Inventory may only be used for research and development (R&D) purposes or in other TSCA exempt activities.

Canada: One or more components of this product are NOT included on the Canadian Domestic Substances List (DSL).

China: One or more components of this product are NOT included on the Chinese (IECSC) inventory.

Japan: One or more components of this product are NOT included on the Japanese (ENCS and/or ISHL) inventories.

Korea: One or more components of this product are NOT included on the Korean (ECL) inventory.

Philippines: One or more components of this product are NOT included on the Philippine (PICCS) inventory.

Taiwan: One or more components of this product are NOT included in the Taiwan chemical substance inventory (TCSI).

16. OTHER INFORMATION

Reasons for Issue:

Date Prepared:21-Nov-2025

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA Ceiling C	TWA (time-weighted average) Maximum limit value Carcinogen	STEL *	STEL (Short Term Exposure Limit) Skin designation
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