

Danlaid Contracting Pty Ltd

MATERIAL SAFETY DATA SHEET

Section 1 – Identification of Chemical Product & Company

ABN: 76 079 777914
Telephone: 03 8514 6300
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Address: 43 De Havilland Road ,
Mordialloc, Vic 3195
Australia

Product Name: DE200 WB Epoxy Coating System

Description: Water Based Epoxy Resin Paint

Section 2 – Hazards Identification

This product is classified as: Hazardous according to criteria of Worksafe Australia



U.N. Number: None
Hazchem Code: Not applicable
Poisons Schedule: 5

Dangerous Goods Class: None
Risk: Irritant, serious damage to eyes

Risk Phrases:

R41	Risk of serious damage to eyes.
R36/38	Irritating to eyes and skin
R43	May cause sensitization by skin contact

Safety Phrases:

S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye face protection.
S38	Incase of insufficient ventilation, wear suitable respiratory equipment
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Section 3 – Composition / Information on Ingredients

HAZARDOUS INGREDIENTS

BASE

Chemical Entity	C.A.S. No.	Haz	R-phrases	Concentration
Amine terminated polymer			R41	10 – 30%
Non-Hazardous Ingredients or those below cut off limits				to 100%

ACTIVATOR

Chemical Entity	C.A.S. No.	Haz	R-phrases	Concentration
Epoxy resin	025085-99-8	Xi	R36/38-R43	> 60%
Non-Hazardous Ingredients or those below cut off limits				to 100%

Section 4 – First Aid Measures

Inhaled: If fumes or combustion products are inhaled remove from contaminated area.

Skin Contact: Wash skin thoroughly with soap and flowing water for 15 minutes. **DO NOT** use solvents to remove product from skin. It is recommended to remove contaminated clothing immediately. Wash clothing thoroughly before re-use. Discard contaminated footwear. Obtain medical attention promptly.

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 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.

Swallowed: Do **NOT** induce vomiting. Give glass of water. Call a doctor and/or transport to a hospital promptly.

Notes to Physician: Treat symptomatically. For advise contact Poisons Information Centre Australia 131 126

Section 5 – Fire Fighting Measures

FLAMMABILITY

Non Combustible

Flash Point: 154 Deg C PMCC

Hazchem Code: Not applicable

Flammability Limits: Not Applicable

FIRE/EXPLOSION HAZARD

Not considered to be a significant fire risk. Drums may rupture when exposed to fire conditions. Wear positive pressure self-contained breathing apparatus. The base component of this product will decompose at temperatures above 260 Deg C and generate ammonia. Decomposition products of activator include phenolics, carbon monoxide and water.

Section 6 – Accidental Release Measures

SPILLS AND DISPOSAL

Minor Spills: Clean up all spills immediately. Avoid breathing vapours and contact with eyes and skin. Contain and absorb spill with sand, inert material or vermiculite. Wipe up.

Major Spills: Clear area of personnel. Alert Fire Brigade and tell them location and nature of spill. Prevent spillage from entering drains or water ways. Soak up in an absorbent material, such as sand, sawdust or absorbent clay. Place in secure container for disposal. Burn in an adequate incinerator or bury in an approved landfill in accordance with State and/or Local government regulations.

Section 7 – Handling & Storage

HANDLING

Refer to Section 8 of this MSDS for details of personal protection measures.

STORAGE

Store in cool place away from heat and ignition sources. Keep partially used product containers closed. Store away from foodstuffs, clothing and keep out of reach of children.

Section 8 – Exposure Controls / Personal Protection

EXPOSURE LIMITS: Not established for product or individual components.

VENTILATION: Provide general and / or local exhaust ventilation, depending on type of operations, to control airborne exposures.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Not required for normal operations. For emergency conditions, use an approved positive pressure self-contained breathing apparatus.

Hands: Wear body-covering clothing. Protect hands with impervious gloves when handling or using this product. Wear boots.

Eyes: Wear chemical goggles. Eye wash facilities should be located in the immediate work area.

Selection and the use of personal protective equipment should be in accordance with the recommendations in one or more of the relevant Australian Standards, including:

AS 1336:	Recommended practices for eye protection in the industrial environment.
AS/NZS 1337:	Eye protectors for industrial application.
AS/NZS 1715:	Selection, use and maintenance of respiratory protective devices.
AS 2161:	Industrial safety gloves and mittens (excluding electrical and medical gloves).
AS/NZS 2210:	Occupational protective footwear.
AS 2919:	Industrial clothing.

BIOLOGICAL LIMIT: No biological limit allocated

Section 9 – Physical & Chemical Properties

BASE

Appearance: Coloured Liquid
Odour: Slightly ammoniacal
pH: Not Determined
Vapour Pressure: Not Determined
Vapour Density: Not Determined
Auto Ignition: Not Applicable

Percent Volatile: 40% - 60%
Specific Gravity: 1.33
Flammability Limits: Not Applicable
Boiling Point: 100^o C
Flash Point: None

ACTIVATOR

Appearance: Clear Liquid
Odour: Not available
pH: Not Determined
Vapour Pressure: Not Determined
Vapour Density: Not Determined
Auto Ignition: Not Determined

Percent Volatile: < 1%
Specific Gravity: 1.12
Flammability Limits: Not Applicable
Boiling Point: Not Determined
Flash Point: 154 Deg C PMCC

Section 10 – Stability & Reactivity

STABILITY / INSTABILITY

Stable under recommended storage conditions. Refer to Section 7 of this MSDS.

Section 11 – Toxicological Information

Short Term Hazards (Acute Exposure):

Inhaled: Not expected to be an inhalation hazard by this route, due to the low vapour pressures of the components at ambient temperatures.

Skin: May cause irritation and possibly burns.

Eye: Based on data available for the components of this product, eye contact may result in severe eye irritation and corneal injury, which may be permanent.

Swallowed: Single dose oral toxicity has not been determined for this formulation. Single dose oral toxicity is expected to be low, based on information available for each item.

Chronic: Prolonged exposure to high concentrations of vapour may affect the central nervous system. Product may be a skin sensitizer in some individuals. If swallowed product may cause severe irritation and burns to the digestive tract.

Section 12 – Ecological Information

Generally not hazardous to water.

Section 13 – Disposal Considerations

Disposal: Place in secure container for disposal. Burn in an adequate incinerator or bury in an approved landfill in accordance with State and/or Local government regulations.

Section 14 – Transport Information

This product is not classified as a dangerous good in the Australian Dangerous Goods Code by reference to a specific substance name or a generic substance name or group.

U.N. Number: None

Dangerous Goods Class: None

Section 15 – Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

Section 16 – Other Information

ACRONYMS

AICS: Australian Inventory of Chemical Substances

CAS Number: Chemical Abstracts Service Registry Number

Hazchem Code: Emergency action code that provides information to emergency services

UN Number: United Nations Number

CONTACT: Danlaid Contracting PL 03 8514 6300

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IMPORTANT NOTE:

Data quoted is typical for the product, but does not constitute a specification, and is based on the most accurate information available to Danlaid Contracting PL at the time of writing. All information contained herein is given in good faith, but is subject to change without notice.

This MSDS has been prepared in alignment with the NOHSC document *National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition* [NOHSC: 2011(2003)]