

**Product Name: ARALDITE LC 330**  
Hazardous according to criteria of Worksafe Australia

MSDS CODE: C418617  
VERSION: 4  
October 1999



**EMERGENCY:** Australia: 1800 033 111  
New Zealand: 0800 734 607

**(ALL HOURS)**

## IDENTIFICATION

PRODUCT NAME ... ARALDITE LC 330  
Other name(s) ... Resin Component for Araldite Kit K 330.

UN Number . . . . . : FREE  
Dangerous Goods Class and Subsidiary Risk : Not applicable  
HAZCHEM Code . . . . . : Not applicable  
Poison Schedule . . . . . : 5  
Packaging group . . . : Not applicable

USE:  
General purpose formulated epoxy adhesive resin.

### PHYSICAL DESCRIPTION / PROPERTIES

Appearance . . . . . : Form: White homogeneous thixotropic paste with only a faint odour.

Boiling/Melting point : Boils at >200 (deg.C)  
Vapour pressure . . . : Negligible (Pascals @ 20 deg.C)  
Density . . . . . : 1.5 (g/cc @ 20 deg.C)  
Flash Point . . . . . : 172 (deg.C Closed Cup method)  
Flammability Limits . : Upper Not measured Lower None (% in air)  
Solubility in water . : Insoluble (g/L @ 20 deg.C)

### OTHER PROPERTIES

Thermal decomposition : >200°C

### INGREDIENTS

Chemical Entity	CAS No.	Proportion
Bisphenol A diglycidyl ether	25068-38-6	30-60%
Butanediol diglycidyl ether	2425-79-8	10-30%
Bisphenol F diglycidyl ether	55492-52-9	10-30%
Materials not hazardous to criteria of Worksafe		To 100%

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**HEALTH HAZARD INFORMATION****HEALTH EFFECTS - ACUTE**

Swallowed : No adverse health effects expected, however large amounts may cause nausea and vomiting. LD50 (Rat, oral) >2000mg/kg.

Eye . . . : Irritating to the eyes.

Skin . . . : Irritating to the skin. Repeated and/or prolonged skin contact can result in skin sensitisation.

Inhaled . : Not expected to be irritating to the respiratory system.

**HEALTH EFFECTS - CHRONIC**

Repeated or prolonged contact with low molecular weight (liquid) epoxy resins may result in skin sensitisation.

**FIRST AID**

Swallowed : Give water to drink. Do NOT induce vomiting.

Eye . . . : Immediately flood eyes with plenty of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.

Skin . . . : Immediately wash affected skin area with soap and water. Do NOT use solvents. Immediately remove contaminated clothing and wash before reuse.

Inhaled . : Remove person from contaminated area.

First aid facility: Eye wash station. Showering facility.

Advice to Doctor . : No specific antidote. Treat symptomatically. Poisons Information Centres in each State capital city can provide advice for scheduled poisons.

**PRECAUTIONS FOR USE****EXPOSURE STANDARDS**

TWA : Worksafe None established.  
STEL : Worksafe None Established.

**ENGINEERING CONTROLS**

If cured material made from this product is to be cut or sanded, ensure that dust is kept below the Worksafe Exposure Standard for inspirable dusts (10mg/m<sup>3</sup>) or the ACGIH Exposure Standard for respirable dusts (3mg/m<sup>3</sup>).

Avoid exceeding the Exposure Standards by use of adequate ventilation. If this is not possible, use appropriate personal protective equipment (meeting the requirements of AS / NZS 1715 and AS / NZS 1716).

Wherever possible, the workplace must be ventilated sufficiently to ensure that exposure standards are met. Ensure airflow, where this product is being used, is directed away from the operators.

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**PERSONAL PROTECTION**

Avoid eye and repeated or prolonged skin contact.

Wear overalls, chemical resistant goggles and impervious gloves (as per AS 2161, or as recommended by supplier).

Wash hands thoroughly before eating, smoking or using toilet facilities. Thoroughly clean contaminated clothing and other personal protective equipment before storage or reuse.

**FLAMMABILITY**

Combustible liquid. Do not smoke while using this product. Product is not flammable, therefore does not need to be handled, used or stored in a flame-proofed area.

**SAFE HANDLING INFORMATION**

**STORAGE AND TRANSPORT**

General . . . . . : Store product in a cool, dry location.  
 Storage . . . . . : Keep containers sealed when not in use.  
 UN Number . . . . . : FREE  
 Dangerous Goods Class . . . . . : Packaging  
 and Subsidiary Risk : Not applicable group . . : Not applicable  
 HAZCHEM Code . . . . . : Not applicable  
 IATA Class . . . . . : Not applicable  
 IMDG Reference . . . . . : Not applicable  
 Minimum temperature : 5oC  
 Maximum temperature : 35oC  
 Incompatible DG Classes : Classes 5.1.5.2  
 Incompatible Receptacle : None  
 Incompatible Substances : Oxidizing agents, acids, bases, amines.

Emergency Procedure Guide Date: Not applicable

Product should be stored in properly resealed containers if not all used in the first application. Product should be stored in a cool, dry place.

**SPILLS AND DISPOSAL**

In case of spill, wear personal protection as indicated above. Spilt material should be absorbed into dry, inert material (eg sand), which then can be put into appropriately labelled drums. The wasted material can be disposed of by incineration (preferably high temperature), by an approved agent according to local regulations.

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**FIRE / EXPLOSION HAZARD**

Extinguishing Media : Water mist, foam, Carbon Dioxide, dry powder.

Hazardous combustion products:  
Carbon Monoxide, Carbon Dioxide and other possibly toxic gases and vapours on burning.

Product will not decompose explosively.

Product as received will not present a dust explosion hazard. However, should cured material made using this product be machined or sanded, a dust explosion hazard may be created. Therefore all dust generated should be removed as quickly as possible, preferably by using a vacuum cleaner.

**OTHER INFORMATION**

**ENVIRONMENTAL DATA**

Fish toxicity . . . . . : Bisphenol A epoxy resins are classified as being toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

OECD Biological degradation : Product is not readily biodegradable.

Prevent spillage from entering waterways or drains. If in doubt, contact Vantico Pty. Limited using the contact details listed below.

All components of this product are registered on the Australian Inventory of Chemical Substances.

**FURTHER INFORMATION**

EEC classification/labelling: Irritant (Xi)

R-phrase: Irritating to eyes and skin. May cause sensitisation by skin contact.

S-phrase: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. Wear suitable gloves and eye/face protection.

This MSDS summarises our best knowledge of the Health and Safety information of the product and how to safely handle the product. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

Continued...

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**CONTACT POINT**

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