

SAFETY DATA SHEET

SELLEYS ARALDITE SUPER STRENGTH EPOXY ADHESIVE - PART A

Infosafe No.: MU022
ISSUED Date : 21/07/2021
ISSUED by: SELLEYS, A DIVISION OF
DULUXGROUP (AUSTRALIA) PTY LTD

1. Identification

GHS Product Identifier

SELLEYS ARALDITE SUPER STRENGTH EPOXY ADHESIVE - PART A

Company name

SELLEYS, A DIVISION OF DULUXGROUP (AUSTRALIA) PTY LTD (ABN 67 000 049 427)

Address

1956 Dandenong Road Clayton
VIC 3168 AUSTRALIA

Telephone/Fax Number

Tel: 1300 555 205

Emergency phone number

Australia – 1800 220 770; New Zealand – 0800 220 770

Recommended use of the chemical and restrictions on use

Two part epoxy resin. For bonding rigid plastics, glass, metal, china and wood.

Other Names

| Name | Product Code |
|--------------------------------------|-----------------|
| ARALDITE A + B 1KG KIT | 9300697118929 |
| ARALDITE SUPER STRENGTH 24ML | 930069710638400 |
| ARALDITE SUPER STRENGTH 35ML | 9300697101396 |
| ARALDITE SUPER STRENGTH 200ML | 930069710040501 |
| ARALDITE 90 SEC + ARALDITE SS 2X24ML | 101965 |

Additional Information

Synonyms : Araldite A + B 1Kg Kit

Bar Code : 9300697118929

Synonyms : Araldite Super Strength 24ML

Bar Code : 9300697106384

Synonyms : Araldite Super Strength 35ML

Bar Code : 9300697101396

Synonyms : Araldite Super Strength 200ML

Bar Code : 9300697100405

Synonyms : Araldite 90 Sec + Araldite SS 2x24ml

Bar Code : 9300697129109

2. Hazard Identification

GHS classification of the substance/mixture

Skin Corrosion/Irritation: Category 2

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Eye Damage/Irritation: Category 2A

Sensitization - Skin: Category 1

Signal Word (s)

WARNING

Hazard Statement (s)

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Pictogram (s)

Exclamation mark



Precautionary statement – Prevention

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P261 Avoid breathing dust, fume, gas, mist, vapours or spray..

P264 Wash hands, face and all exposed skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing including eye/face protection and suitable respirator.

Precautionary statement – Response

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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.

P337+P313 If eye irritation persists: Get medical advice/attention.

P101 If medical advice is needed, have product container or label at hand.

P362+P364 Take off contaminated clothing and wash it before reuse.

Precautionary statement – Storage

Not allocated

Precautionary statement – Disposal

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

Other Information

DANGEROUS GOOD CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Dangerous Goods Class: 9

Australian Special Provisions; AU01: Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to this Code (ADG 07) when transported by road or rail in;

(a) packagings that do not incorporate a receptacle exceeding 500 Kg (L); or

(b) IBCs.

3. Composition/information on ingredients

Information on Composition

CHEMICAL ENTITY: Oxirane, 2,2'-[[1-methylethylidene]bis(4,1-phenyleneoxymethylene)]bis-

CAS NO: 1675-54-3

PROPORTION: >60 % (w/w)

CHEMICAL ENTITY: Bisphenol-A epoxy resin

CAS NO: 25068-38-6

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PROPORTION: 1 - 10 % (w/w)

CHEMICAL ENTITY: Bisphenol F epoxy resin

CAS NO: 9003-36-5

PROPORTION: 1 - 10 % (w/w)

CHEMICAL ENTITY: Ingredients determined to be non-hazardous or below reporting limits

PROPORTION: Balance

Ingredients

| Name | CAS | Proportion |
|--|------------|------------|
| Bisphenol-A Epoxy Resin | 25068-38-6 | 1-10 %w/w |
| Bisphenol F epoxy resin | 9003-36-5 | 1-10 %w/w |
| Ingredients determined to be non-hazardous or below reporting limits | | Balance |

4. First-aid measures

First Aid Measures

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation

Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Ingestion

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Skin

Effects may be delayed. If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital.

Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Advice to Doctor

Treat symptomatically. Effects may be delayed.

Protection for First Aiders

Wear safety shoes, overalls, gloves, safety glasses. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

5. Fire-fighting measures

Suitable Extinguishing Media

If material is involved in a fire use alcohol resistant foam or dry agent (carbon dioxide, dry chemical powder).

Specific Methods

On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

Specific Hazards Arising From The Chemical

Combustible material.

Hazchem Code

3Z

Decomposition Temperature

>200°C

6. Accidental release measures

Clean-up Methods - Small Spillages

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

Clean-up Methods - Large Spillages

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Other Information

Dangerous Goods - Initial Emergency Response Guide No: 47

7. Handling and storage

Precautions for Safe Handling

Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

Other Information

This material is classified as a Class 9 Miscellaneous Dangerous Good as per the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and/or the "New Zealand NZS5433: Transport of Dangerous Goods on Land" and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in accordance with the relevant regulations.

8. Exposure controls/personal protection

Occupational exposure limit values

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia.

Biological Limit Values

As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Appropriate engineering controls

Natural ventilation should be adequate under normal use conditions.

Personal Protective Equipment

SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES.

Wear safety shoes, overalls, gloves, safety glasses. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene Measures

Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and chemical properties

| Properties | Description | Properties | Description |
|--------------------------|--------------------|---------------------------|-------------------------------|
| Form | Liquid | Colour | Cream |
| Odour | Slight | Decomposition Temperature | >200°C |
| Melting Point | Not available | Boiling Point | >200°C |
| Solubility in Water | Insoluble in water | Specific Gravity | 1.15 |
| pH | Not applicable | Vapour Pressure | (20 °C): Not available |
| Vapour Density (Air=1) | >1 | Viscosity | 17,000 - 30,000 cPa.s @ 25 °C |
| Flash Point | 210°C (Closed Cup) | Auto-Ignition Temperature | Not available |
| Flammable Limits - Lower | Not applicable | Flammable Limits - Upper | Not applicable |

Other Information

Total VOC (g/Litre): Not available

(Typical values only - consult specification sheet)

10. Stability and reactivity

Chemical Stability

This material is thermally stable when stored and used as directed.

Conditions to Avoid

Elevated temperatures and sources of ignition.

Incompatible materials

Oxidising agents.

Hazardous Decomposition Products

Oxides of carbon and nitrogen, smoke and other toxic fumes.

Possibility of hazardous reactions

No known hazardous reactions.

11. Toxicological Information

Acute Toxicity - Oral

This material has been classified as not hazardous for acute ingestion exposure. Acute toxicity estimate (based on ingredients): LD 50 > 2,000 mg/Kg bw

Acute Toxicity - Inhalation

This material has been classified as not hazardous for acute inhalation exposure. Acute toxicity estimate (based on ingredients): LC 50 > 20.0 mg/L for vapours or LC 50 > 5.0 mg/L for dust and mist.

Acute Toxicity - Dermal

This material has been classified as not hazardous for acute dermal exposure. Acute toxicity estimate (based on ingredients): LD 50 > 2,000 mg/Kg bw

Ingestion

Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Inhalation

Material may be an irritant to mucous membranes and respiratory tract.

Skin

Contact with skin will result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Eye

An eye irritant.

Skin corrosion/irritation

Skin: this material has been classified as a Category 2 Hazard (reversible effects to skin).

Serious eye damage/irritation

Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes).

Mutagenicity

This material has been classified as not a mutagen.

Respiratory sensitisation

Inhalation: this material has been classified as not a respiratory sensitiser.

Skin Sensitisation

Skin: this material has been classified as a Category 1 Hazard (skin sensitiser).

Carcinogenicity

This material has been classified as not a mutagen.

Reproductive Toxicity

(including via lactation): This material has been classified as not a reproductive toxicant.

STOT-single exposure

This material has been classified as not a specific hazard to target organs by a single exposure.

STOT-repeated exposure

This material has been classified as not a specific hazard to target organs by repeat exposure.

Aspiration Hazard

This material has been classified as not an aspiration hazard.

Health Hazard

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are: For WSA format, please refer to Health Effects Section for acute effects.

12. Ecological information

Ecological information

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as not hazardous for acute aquatic exposure. Acute toxicity estimate (based on ingredients): > 100 mg/L

Long-term aquatic hazard: This material has been classified as a Category Chronic 2 Hazard. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): 1 - 10 mg/L, where the substance is not rapidly degradable and/or BCF ≥ 500 and/or log K_{ow} ≥ 4 .

Ecotoxicity

No information available.

Persistence and degradability

No information available.

Mobility

No information available.

Bioaccumulative Potential

No information available.

13. Disposal considerations

Waste Disposal

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. Transport information

U.N. Number

3082

UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(EPOXY RESIN)

Transport hazard class(es)

9

Packing Group

III

Hazchem Code

3Z

IERG Number

47

UN Number (Air Transport, ICAO)

3082

IATA/ICAO Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(EPOXY RESIN)

IATA/ICAO Hazard Class

9

IATA/ICAO Packing Group

III

IMDG UN No

3082

IMDG Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(EPOXY RESIN)

IMDG Hazard Class

9

IMDG Pack. Group

III

Other Information

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Australian Special Provisions; AU01: Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to this Code (ADG 07) when transported by road or rail in;

(c) packagings that do not incorporate a receptacle exceeding 500 Kg (L); or

(d) IBCs.

UN No: 3082

Dangerous Goods Class: 9

Packing Group: III

Hazchem Code: 3Z

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Emergency Response Guide No: 47

Limited Quantities 5 L

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN)

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1). Note 1: Materials that are fire risks are incompatible with oxidising agents (Class 5.1) or organic peroxides (Class 5.2). Exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.

UN No: 3082

Dangerous Goods Class: 9

Packing Group: III

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN)

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 3082

Dangerous Goods Class: 9

Packing Group: III

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN)

15. Regulatory information

Regulatory information

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)

The Stockholm Convention (Persistent Organic Pollutants)

The Rotterdam Convention (Prior Informed Consent)

Basel Convention (Hazardous Waste)

International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth); S5. Caution.

AIICS Status: Formulations where all components AIIC listed.

All components of this product are listed on or exempt from the New Zealand Inventory of Chemical (NZIoC).

HSNO Group Standard: HSR002670 - Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020

Poisons Schedule

S5

16. Other Information

User Codes

| User Title Label | User Codes |
|------------------|------------|
| Wis Numbers | 04057431 |
| Wis Numbers | 04110006 |
| Wis Numbers | 04110103 |
| Wis Numbers | 04345606 |
| Wis Numbers | 05662511 |

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Signature of Preparer/Data Service

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Revisions Highlighted

Reason for issue: Revised

Other Information

Reference No: SELGHSEN000085

Version: 5.0

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END OF SDS

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