

Safety Data Sheet



Hazardous, Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Name: POOLKOTE EPOXY PART A

Synonyms:

Poolkote 2 Pack Epoxy 4L Coffee
Poolkote 2 Pack Epoxy 4L Chamois
Poolkote 2 Pack Epoxy 4L Holly
Poolkote 2 Pack Epoxy 4L Aqua
Poolkote 2 Pack Epoxy 4L Pool Green
Poolkote 2 Pack Epoxy 4L Glazier
Poolkote 2 Pack Epoxy 4L Bridge Grey
Poolkote 2 Pack Epoxy 4L Jacaranda
Poolkote 2 Pack Epoxy 4L Bright Blue
Poolkote 2 Pack Epoxy 4L Paradise Blue
Poolkote 2 Pack Epoxy 4L Ocean Blue
Poolkote 2 Pack Epoxy 4L Pool Blue
Poolkote 2 Pack Epoxy 20L Coffee
Poolkote 2 Pack Epoxy 20L Chamois
Poolkote 2 Pack Epoxy 20L Holly
Poolkote 2 Pack Epoxy 20L Aqua
Poolkote 2 Pack Epoxy 20L Pool Green
Poolkote 2 Pack Epoxy 20L Glazier
Poolkote 2 Pack Epoxy 20L Bridge Grey
Poolkote 2 Pack Epoxy 20L Jacaranda
Poolkote 2 Pack Epoxy 20L Bright Blue
Poolkote 2 Pack Epoxy 20L Paradise Blue
Poolkote 2 Pack Epoxy 20L Ocean Blue
Poolkote 2 Pack Epoxy 20L Pool Blue

Product Code

P-EPCO3L
P-EPCH3L
P-EPHO3L
P-EPAQ3L
P-EPPG3L
P-EPGL3L
P-EPBG3L
P-EPJA3L
P-EPBB3L
P-EPPAB3L
P-EPOB3L
P-EPPLB3L
P-EPCO15L
P-EPCH15L
P-EPHO15L
P-EPAQ15L
P-EPPG15L
P-EPGL15L
P-EPBG15L
P-EPJA15L
P-EPBB15L
P-EPPAB15L
P-EPOB15L
P-EPPLB15L

Barcode

9346206000248
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9346206001627
9346206000361
9346206000378
9346206000385
9346206000392
9346206001474
9346206001603
9346206001610

Recommended Uses: Epoxy Pool Coating For Swimming Pools..

Supplier: AUSTRALIAN PAINT COMPANY Pty Ltd (APCO)

ABN: 39 062 258 155

Street Address: 13-27 Melbourne Road
Riverstone NSW 2765
Australia

Telephone: (02) 9832 0000

Emergency Telephone number: Australia: 1800 033 111; New Zealand: 0800 734 607

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2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of Safe Work Australia GHS 7.



Signal Word:

Danger

Hazard Classification

Flammable Liquids - Category 3

Acute Toxicity- Dermal -Category 4

Acute Toxicity -Inhalation – Category 4

Skin Corrosion/irritation – Category 2

Serious eye damage/ irritation – Category 2A

Sensitization-Skin-Category 1A

Specific Target Organ Toxicity (Single Exposure) – Category 3

Hazard Statement(s)

H225	Highly Flammable liquid and vapor
H312	Harmful in contact with skin
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs.

Prevention Precautionary Statement(s)

P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from all sources of ignition- No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating, lighting, and all other equipment.
P242	Using only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing mist, vapor, or spray.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective clothing, gloves, eye/face protection and suitable respirator as required.

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Response Precautionary Statement (s)

- P101 If medical advice is needed, have product container or label at hand.
P302+352 IF ON SKIN: Wash with soap and water
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTRE or doctor/physician if you feel unwell.
P363 Wash contaminated clothing before reuse.
P333+313 If skin irritation or a rash occurs: Get medical advice/attention.
P370+378 In case of fire: Use alcohol resistance foam for extinction

Storage Precautionary Statement(s)

- P405 Store locked up.
P403+235 Store in well ventilated place. Keep cool.

Disposal Precautionary Statement(s)

- P501 Dispose of contents/container in accordance with local, regional, national, and international regulations Poisons Schedule (Aust): S5

DANGEROUS GOODS 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".

Class: 3 (Flammable liquid)

3. COMPOSITION INFORMATION

Chemical Entity	CAS No.	Proportion (%w/w)
Xylene, mixture of isomers	1330-20-7	30-60%
Methyl Isobutyl Ketone	108-10-1	<10%
Bisphenol A Diglycidyl Ether Polymer (Epoxy Polymer)	N/A	30-60%
White Spirit	8052-41-3	<1
n-Butyl acetate	123-86-4	<10%
		100%

4. FIRST AID MEASURES

If Poisoning occurs, contact a doctor or poisons information Centre (Phone Australia 131 126, New Zealand 0800 764 766)

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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. If breathing labored and patient cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a facemask. If breathing has stopped, apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek immediate medical advice.

Skin contact: For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance. A component of this material can be absorbed through the skin with resultant toxic effects. Seek medical advice.

Eye contact: If in eyes wash out immediately with large amount of water. Seek medical attention.

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 happens give further water. Seek immediate medical advice.

PPE for First aiders: Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapor/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. 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.

Medical attention: Note to Physician: Treat symptomatically. Effects may be delayed. Can cause corneal burns.

5. FIRE FIGHTING MEASURES

Hazchem Code: 3Y

Extinguishing media

Suitable extinguishing equipment: Alcohol resistance foam is the preferred fire-fighting medium. If material is involved in the fire use alcohol resistance foam, standard foam, or Dry agent (Dry Chemical Powder, CO₂).

Specific Hazards: Flammable liquid. May form flammable vapor mixtures with air. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapor may travel a considerable distance to source of ignition and flash back. Avoid all

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ignition sources. All potential sources of ignition (open flame, pilot lights, furnaces, spark producing, switches and electrical equipment etc.) must be eliminated both in and near the work area. Do NOT smoke.

Firefighting further advice: Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from the path to fire. Keep containers cool with water spray. On burning, may emit toxic fumes, including oxides of carbon and nitrogen. Firefighters wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion.

Special protective equipment and precautions for firefighters: Wear breathing apparatus when fighting fire.

6. ACCIDENTAL RELEASE MEASURES

Minor spill: Extinguish naked flames. And avoid sparks. Wear protective equipment to prevent skin and eye contamination. Wipe out with absorbent (clean rag or paper towel) or absorb with sand, sawdust, or earth. Collect in drums, and arrange for disposal by a competent contractor, in accordance with local regulations.

Major spill: Shut off all possible source of ignition. Clear area of all unprotected personal. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapors. Work up wind or increase ventilation. Contain – prevent runoff into drains and waterways. Use absorbent (soil, sand, or other inert material). Collect and seal in properly labeled containers or drums for disposal. Use a spark-free shovel. Arrange disposal by competent contractors, in accordance with local regulations. If contamination of sewers or waterways has occurred, advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 14

7. HANDLING AND STORAGE

Precaution for safe handling: This product is flammable. Avoid sources of heat, naked flames, and sparks. Use in well-ventilated area. Use flame proof equipment. No smoking. Earth all containers to reduce the possibility of sparks from static electricity. Avoid skin and eye contact and inhalation of vapor, mist, or aerosols.

Conditions for safe storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuff. Store away from incompatible materials described in section 10. Store away from source of heat or ignition. Keep container closed when not in use - check regularly for leaks.

This material has classified as **Dangerous Good Class 3 Flammable Liquid** as per criteria of the Australian Dangerous Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S5 and must be stored, maintained, and used in accordance with the relevant regulations.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Entity	TWA ¹		STEL ²	
	ppm	mg/m3	ppm	mg/m3
Xylene	80	350	150	655
n-Butyl acetate	150	713	200	950
Epoxy Polymer	N/A		N/A	
Methyl Isobutyl Ketone	20	191	50	574

¹ Time weighted average concentration

² Short-term exposure limits

These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentration of chemicals. They are not a measure of relative toxicity.

If the direction for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers routinely, potentially exposed during product manufacture.

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.

Engineering controls: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use with local exhaust ventilation or while wearing appropriate respirator. Ventilation equipment should be explosion proof. Vapor heavier than air-prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapor may have collected. Keep containers closed when not in use.

Exposure Controls

Personal protective equipment: G: OVERALL, SAFETY SHOES, SAFETY GLASSES, GLOVES, RESPIRATOR.

Wear overalls, chemical safety glasses/goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists, wear organic vapor/ particular respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. 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 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 skin and eye contact and inhalation of vapor, mist, or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

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Property	Unit of measurement	Typical value
Appearance	-	Coloured, Viscous Liquid
Odour	-	Solvent Odour
Solubility	-	Soluble in organic solvent Insoluble in water
Vapor Pressure @ 25°C	kPa	0.01
Boiling Point	°C	138
% Volatile by Volume	%	>50
Melting Point/Range	°C	N/A
Autoignition Temperature	°C	Not available
Decomposition Point	°C	Not available
Flash Point	°C	27
Density @ 25°C	g/ml	1.0 -1.20
Flammability Limits	%(v/v)	Not available
Volatile content	%(w/w)	>50

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

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

Conditions to avoid.: Elevated temperature, Source of heat and ignition, open flames.

Incompatible materials: Incompatible with oxidizing agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke, and other toxic fumes.

Hazardous reactions: No Known hazardous reaction.

11. TOXICOLOGICAL INFORMATION

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 rise if the product is mishandled and overexposure occurs are:

Acute effects

Ingestion: Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is uncoordinated there is greater likelihood of vomit entering the lung and causing subsequent complications.

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Eye Contact: May be an eye irritant.

Skin Contact: Contact with skin will result in irritation. A component of this material can be absorbed through the skin. Effects can include those described for "INGESTION".

Inhalation: Material may be an irritant to mucous membranes and respiratory tract. Inhalation of vapor can result in headaches, dizziness, and possible nausea. Inhalation of high concentration can produce central nervous system depression, which can lead to loss of coordination, impaired judgment and if exposure is prolonged, unconsciousness.

Acute toxicity

Inhalation

This material has been classified as a Category 4 Hazard.
Acute toxicity estimate (based on ingredients): 10-20 mg/L.

Skin contact

This material has been classified as a Category 4 Hazard.
Acute toxicity estimate (based on ingredients): 1000-2000 mg/L.

Ingestion

This material has been classified as non-hazardous.

Corrosion/irritancy

Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as a Category 2 Hazard (irritant to skin).

Sensitization: Inhalation: this material has been classified as not a respiratory sensitizer. Skin: this material has been classified as a skin sensitizer.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure)

This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in depression of the central nervous system.

Chronic toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity: This material has been classified as a non-hazardous.

Specific target organ toxicity (repeated exposure): This material has been classified as a non-hazardous.

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12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard

This material has been classified as a Category Acute 1 Hazard.

Acute toxicity estimate (based on ingredients) :<1 mg/L.

Long-term aquatic hazard: No information is available to complete an assessment.

Ecotoxicity: No information is available to complete an assessment.

Persistence and degradability: No information is available.

Bioaccumulation potential: No information is available.

Mobility: No information is available.

13. DISPOSAL CONSIDERATIONS

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.

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammable nature.

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

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14. TRANSPORT 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".



UN No: 1263
Dangerous Goods Class: 3
Packing Group: III
HAZCHEM Code: +3[Y]
Emergency Response Guide No: 14

PROPER SHIPPING NAME: PAINT

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2), toxic substances (Class 6.1), infectious substances (Class 6.2) or radioactive substances (Class 7). 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: 1263
Dangerous Goods Class: 3
Packing Group: III

PROPER SHIPPING NAME: PAINT

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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: 1263

Dangerous Goods Class: 3

Packing Group: III

PROPER SHIPPING NAME: PAINT

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persist Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)

This material is subject to the following international agreements:

Basel Convention (Hazardous waste)

- Waste from production, formulation and use of inks, dyes, pigments, paints, lacquers, varnish.
- International convention for the prevention of pollution from ships (MARPOL)
- Annex III- Harmful substances carried in package form.

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

- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)*.

16. OTHER INFORMATION

Reason for Revision: Information updates of all sections to comply with Code of Practice Safe Work Australia.

Abbreviations:

ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail

CAS Number: Chemical Abstracts Number

HMIS: Hazardous Materials Identification System

TWA: the time-weighted average airborne concentration over an eight-hour working day, for five-day working week over an entire working life.

STEL: short term exposure limit, the average airborne concentration over a 15-minute period which should not be exceeded at any time during a normal eight-hour workday.

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Disclaimer

This information was prepared in good faith from the best information available at the time of issue and believed to be accurate and reliable as of the date of issue. However, no expressed or implied warranties are given. Omega Paint cannot anticipate or control the conditions under which this information may be used. Therefore, it is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their particular use. It is the responsibility of the user to ensure that the issue is current. This information given is a non-controlled document.