Safety Data Sheet

Hazardous Substance, Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Rhinoscreed (Pack A)

Recommended use: As a floor coating when mixed with a suitable curing agent.
Supplier: Wagon Paints Australia Pty Ltd
ABN: 76 412 791 772
Street Address: 5 Stephenson Road Bayswater North VIC 3153 Australia
Telephone: +613 9729-1344
Facsimile: +613 9720 2179
Emergency Telephone number: (03) 9729 1344 from 8:00 am to 4:30 pm

2. HAZARDS IDENTIFICATION

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

Signal Word
Warning
Hazard Classifications
Skin Corrosion/Irritation - Category 2
Serious Eye Damage/Eye Irritation- Category 2A
Skin Sensitization- Category 1
Long Term Aquatic Hazard- Category 2

Hazard Statements

H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H411 - Toxic to aquatic life with long lasting effects

AUH066: repeated exposure may cause skin dryness or cracking

Prevention Precautionary Statements
P102: Keep out of reach of children
P261 - Avoid breathing vapour.
P262:Do not get in eyes on skin or on clothing
.P273 - Avoid release to the environment.
P280 - Wear protective gloves: > 8 hours (breakthrough time): butyl rubber, Ethyl Vinyl Alcohol Laminate (EVAL). Wear eye or face protection.

Take off contaminated clothing. Wash contaminated clothing before reuse.
P333 + P313 - If skin irritation or rash occurs: Get medical attention.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical attention.

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Storage Precautionary Statements
Not applicable.

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

Poison Schedule: 5

DANGEROUS GOOD CLASSIFICATION N/R
Dangerous Goods Class: Not applicable,

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Bisphenol A- Epoxy resin	25068-38-6	60-70%
Bisphenol F- Epoxy resin	28064-14-4	10-30%
Aliphatic glycidal ether	68609-97-2	10-30%

4. 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 to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin Contact:
Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Eye contact:
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Ingestion:
If swallowed DO NOT induce vomiting keep at rest, seek immediate attention.

Medical attention:
Treat according to symptoms, Avoid gastric lavage ,risk of aspiration of product to the lungs with potential to cause chemical pneumonitis.

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5. FIRE FIGHTING MEASURES

Hazchem Code: N/R

Suitable extinguishing media: water fog or fine spray mist alcohol stable foam carbon dioxide.

Specific hazards: In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products: Burning produces obnoxious and toxic fumes. Carbon oxides

Special protective equipment for fire fighters: Full protective clothing and self contained breathing apparatus

Fire fighting further advice: Not available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Environmental Precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

Methods & materials for containment & cleaning up: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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Dangerous Goods Initial Emergency Response Guide No: 47

7. HANDLING AND STORAGE

Handling: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage: Store between the following temperatures: 2 to 40°C. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Storage, class 9 Miscellaneous Dangerous Goods.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits:

	TWA		STEL		NOTICES
	ppm	mg/m3	ppm	mg/m3	

None available.

As published by Safe Work Australia.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a 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.

Sk Notice - absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable.

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.
If the directions 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 who are routinely, potentially exposed during product manufacture. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals.

They are not a measure of relative toxicity.

Engineering Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator.

Personal Protection Equipment: SAFETY SHOES, OVERALLS, GLOVES, CHEMICAL GOGGLES, RESPIRATOR.

Wear safety shoes, overalls, gloves, chemical goggles, respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.Available information suggests that gloves made from butyl rubber, Ethyl Vinyl Alcohol Laminate (EVAL) should be suitable for long term application. 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

Form: Liquid
Colour: Clear, light yellow.
Solubility: Insoluble in water
Specific Gravity (20 °C): 1.12 at 25°C
Relative Vapour Density N/ A
Vapour Pressure (20 °C): N Av
Flash Point (°C): Closed cup: >150°C
Flammability Limits (%): N Av
Autoignition Temperature (°C): N Av
Melting Point/Range (°C): N Av
Boiling Point/Range (°C): N Av
Percent Volatiles 100%
Viscosity: >700-1100

(Typical values only - consult specification sheet)
N Av = Not available, N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: This material is thermally stable when stored and used as directed.
Conditions to avoid: Take precautionary measures against electrostatic discharge.
Incompatible materials: Strong acids, strong bases, strong oxidising agents.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced. Decomposition products may include the following materials: Carbon oxides, Burning produces obnoxious and toxic fumes.
Hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

11. TOXICOLOGICAL INFORMATION

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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:

Acute Effects
Inhalation: No specific data.
Skin contact: Causes skin irritation. May cause an allergic skin reaction.
Ingestion: No specific data.
Eye contact: Causes serious eye irritation.

Acute toxicity
Inhalation: No known significant effects or critical hazards
Skin contact: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Ingestion: No known significant effects or critical hazards.
Corrosion/Irritancy: Eye: Irritating to eyes.
Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as a skin sensitiser.
Aspiration hazard: This material has been classified as non-hazardous.
Specific target organ toxicity (single exposure): This material has been classified as non hazardous.

Chronic Toxicity
Mutagenicity: This material has been classified as non-hazardous.
Carcinogenicity: This material has been classified as non-hazardous.
Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.
Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: No information available.

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 Kow 4.

Ecotoxicity: Oral LD50 Bisphenol A:rat) 30 000mg/kg

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information 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/ Personal Protection” of this SDS.

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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

ROAD AND RAIL TRANSPORT

Australian Special Provision AU01 to the Australian Dangerous Goods Code 9th Edition (incorporating Corrigendum 1) 2011 states – Environmentally Hazardous Substances meeting the descriptions of UN3077 or UN3082 are not subject to this Code when transported by road or rail in;
(a) packagings that do not incorporate a receptacle exceeding 500 kg(L); or
(b) IBCs.

Where not subject to ADG7:
UN number: 3082
Proper shipping name: Environmentally Hazardous Substance Liquid N.O.S
Class: 9
Packing group: III
Hazchem code: 2X

UN number: 3082
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Bisphenol a/f epoxy resin)
Australian Dangerous Goods Class: 9
Packing group: III
Hazchem code: 2X

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1).

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.

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15. REGLATORY INFORMATION

Country Region: Australia
Inventory: AICS
Poisons Schdule:5
Status : Listed

:

16. OTHER INFORMATION

Reason for issue: upgrade to GHS SDS Amalgamated supplier changes in all sections

Version 1.1: Reviewed to ensure SDS conforms.

Abbreviation:
AICS: Australia inventory of chemical substances
CAS number: chemical abstracts number
IARC: international agency for research and cancer
NOHSC: national occupational health and safety council