

Safety Data Sheet



Section 1 PRODUCT IDENTIFICATION	
Product Name:	Guardian WB 2K Floorcoat Part A
Synonyms:	None
Recommended Use:	Water based clear 2 part floor coating (when blended with Part B)
Supplier Information:	Guardian Protective Coatings Pty Ltd 26 Paramount Drive Wangara WA 6055 Tel: 08 6389 2100 www.guardit.net Emergency contact: +61 413 610 147 (24 hours)
Section 2 HAZARD IDENTIFICATION	
Hazard Classification:	NON DANGEROUS according to the criteria of the ADG code HAZARDOUS according to the criteria of Safe Work Australia Skin sensitisation, Category 1A Label elements: Pictograms  IRRITANT Signal Word: WARNING
Hazard Statements:	H317 May cause an allergic skin reaction
Precautionary Statements:	GENERAL P101 If medical advice is needed, have product container or label at hand P102 Keep out of reach of children P103 Read carefully and follow all instructions PREVENTATIVE P261 Avoid breathing mists/vapours/spray P272 Contaminated work clothing should not be allowed out of the workplace P280 Wear protective gloves/eye protection/face protection RESPONSE P302+P352 IF ON SKIN: Wash with plenty of soap and water P333+P313 If skin irritation or rash occurs: Get medical advice/attention

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	DISPOSAL P501 Dispose of contents/container in accordance with local regulations
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Section 3 COMPOSITION

Ingredient	CAS Number	Proportion
Water thinnable polyacrylate containing hydroxyl groups	Proprietary	30-40%
1-butoxy-2-propanol	111-76-2	<5%
Triethanolamine	102-71-6	<2%
2-methylisothiazol-3(2H)-one	2682-20-4	<0.005%
1,2-benzisothiazol-3(2H)-one	2634-33-5	<0.005%
Water and other non-hazardous materials to 100%	-	

Section 4 FIRST AID MEASURES

Poisons Information Centres in each State capital city can provide additional assistance for scheduled poisons.

Ingestion: Immediately rinse mouth with water. Do **NOT** induce vomiting. Seek medical assistance.

Eye Contact: Immediately irrigate with copious quantities of water for at least 15 minutes with eyelids held open. Remove clothing if contaminated and immediately wash skin with soap and water. Seek medical assistance if symptoms persist.

Skin Contact: Wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. Consult a doctor in the event of a skin reaction.

Inhalation: In case of irritation of the respiratory tract seek medical advice.

Section 5 FIRE FIGHTING MEASURES

Specific Hazards:

Non-Flammable

Fire Fighting Advice:

Not flammable, however, polymer will burn once water has been driven off. Burning releases carbon dioxide, carbon monoxide, oxides of nitrogen and traces of hydrogen cyanide. In the event of a fire and/or explosion do not breathe fumes.

Do not allow contaminated extinguishing water to enter the soil, groundwater or surface waters.

Suitable Extinguishing Media:

Foam, dry agent (Carbon Dioxide, Dry Chemical powder). In case of larger fires water spray should be used.

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Section 6 ACCIDENTAL RELEASE MEASURES

Clear area of all personnel. Product is slippery when spilt. Avoid accidents and clean up immediately.

Wear protective equipment to prevent skin and eye contamination.

Contain immediately – prevent run-off into drains and waterways.

Use absorbent (soil, sand, or other inert material).

Collect and seal in properly labelled containers for disposal per local regulations.

If contamination of sewers or waterways has occurred advise the local emergency services.

Section 7 HANDLING AND STORAGE

Storage:

Store in a cool, dry, well ventilated area.

Handling:

When handling observe the usual precautionary measures for chemicals. Avoid contact with the skin and eyes. Keep away from foodstuffs, drink and tobacco. Keep working clothes separate. Change contaminated or soaked clothing.

Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Limits.

No value has been assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia)

Respiratory protection: Respiratory equipment required during spraying

Personal Protective Equipment: Overalls, Safety Shoes, Safety Glasses, and Gloves.

Avoid skin and eye contact, and inhalation of mists. Wear overalls, mist mask, safety glasses and gloves. Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Section 9 PHYSICAL PROPERTIES

Appearance: Mobile milky liquid

Solubility: Completely miscible in water

Odour:	Low	Density @ 20°C:	~1.04-1.08* kg/lit
pH:	~9.0	Flash point & Method:	NAP
Vapour Pressure 20°C (mm Hg):	NAV	Upper Explosive Limit (UEL):	NAP
Vapour Density (Air = 1)	NAV	Lower Explosive Limit (LEL):	NAP
Initial Boiling Point °C:	> 100°C	Ignition Temperature °C:	~410
Freezing Point °C:	< 0°C	Percent Volatiles (Weight):	~63-66* %

NAP = Not Applicable, NAV = Not Available

*Varies according to sheen level

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Section 10 STABILITY AND REACTIVITY

Stability: No thermal decomposition when stored and handled correctly.

Hazardous Decomposition Products: No hazardous decomposition products when used as directed.

Section 11 TOXICOLOGICAL INFORMATION

Main Symptoms: No adverse health effects are expected if the product is handled in accordance with this Material Safety Datasheet, and the product label. Symptoms that may arise if this product is mishandled are:

Ingestion: Not expected to be harmful.

Eye Contact: Eye contact may cause mild eye irritation.

Skin Contact: Mildly irritating. Prolonged skin contact may result in irritation or rash.
This material has been classified as a skin sensitiser

Inhalation: Excessive exposure to vapours or spray mists may cause irritation to eyes, throat and nose.

Long Term Effects: No information or data is currently available on the long term effects of exposure to this product.

Acute Toxicity / Chronic Toxicity: No LD50 data is available for this product mixture.

Section 12 ECOLOGICAL INFORMATION

Ecotoxicological studies of this product are not available.

Do not allow to escape into waterways, waste water or soil.

Section 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with applicable international, national and local laws.

Do not dispose into waste water.

Section 14 TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code 7) for transport by road or rail.

UN Number:	Not applicable	HAZCHEM:	Not applicable
UN Proper Shipping Name:	Not applicable	Packaging Group:	Not applicable
Class and Sub Risk:	Not applicable		

Special Precautions: None

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MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air

Section 15 REGULATORY INFORMATION

Hazardous according to Safe Work Australia.
Skin sensitiser, Category 1

Not a Scheduled Poison under SUSDP.

Section 16 OTHER INFORMATION

Date of preparation: October 2025

Version 1.01

Reason for change: Update

General:

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular, how to safely handle and use the product in the work-place.

Since the supplier cannot anticipate or control the conditions under which this product may be used or handled, each user must, prior to using or handling this product, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is required to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers, and is also available from the company upon request.