

Safety Data Sheet



Section 1 PRODUCT IDENTIFICATION	
Product Name:	Guardian White and Glow
Synonyms:	none
Recommended Use:	Photoluminescent line marking
Supplier Information:	Guardian Protective Coatings Pty Ltd 26 Paramount Drive Wangara 6055 Phone:(08) 6389 2100 www.guardit.net Emergency Phone: 0413 610 147 (24 hours)
Section 2 HAZARD IDENTIFICATION	
Hazard Classification:	NOT classified as DANGEROUS GOODS according to the criteria of the ADG code Classified as HAZARDOUS MATERIAL 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 DISPOSAL P501 Dispose of contents/container in accordance with local regulations

Safety Data Sheet



Section 3 COMPOSITION

Ingredient	CAS Number	Proportion
2-methylisothiazol-3(2H)-one	2682-20-4	<0.005%
1,2-benzisothiazol-3(2H)-one	2634-33-5	<0.005%
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.

Description of necessary first aid measures

Inhalation: Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. Transport to nearest medical facility for additional treatment if necessary.

Eye Contact: If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek medical assistance if necessary.

Ingestion: If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Section 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Foam, water spray or fog, carbon dioxide, dry chemical powder. Do not use water in a jet.

Specific Hazards:

Non-combustible material

Fire Fighting Advice:

Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Thermal decomposition may yield acrylic monomers.

Section 6 ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

LARGE SPILLS

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 sewers or waterways has occurred advise local emergency services.

Safety Data Sheet



Section 7 HANDLING AND STORAGE

Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before re-use.

Storage:

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place, but prevent from freezing.

Exposure standards:

No exposure standards have been established for this material by the National Occupational Health and Safety Commission.

Engineering Controls:

It is recommended where there are occurrences of mist or vapours, to use local exhaust ventilation, vented to atmosphere.

Section 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

Personal protective equipment:

Respiratory protection:

AS1716 – None required under normal conditions, however where mist occurs in spraying circumstances, wear an AS approved disposable half-mask dust/mist respirator.

Hand Protection:

Chemical resistant protective gloves (PVC/Rubber/Nitrile/Chloroprene)

Eye Protection:

AS1337 - Use chemical splash goggles.

General safety and hygiene measures:

Avoid contact with eyes and prolonged skin contact.

Section 9 PHYSICAL PROPERTIES

Appearance: Opaque semi-viscous liquid

Solubility: Miscible with water

Odour:	Faint odour	Density @ 20°C:	~1.29 kg/lit
pH:	8.5-10.0	Flash point & Method:	Not applicable
Vapour Pressure 20°C (mm Hg):	~ 2.3 kPa water	Upper Explosive Limit (UEL):	Not applicable
Vapour Density (Air = 1)	<1 water	Lower Explosive Limit (LEL):	Not applicable
Initial Boiling Point & Range °C:	~ 100	Ignition Temperature °C:	Not applicable
Freezing Point °C:	0	Percent Volatiles (by weight):	49.0%
NAP = Not Applicable, NAV = Not Available			

Safety Data Sheet



Section 10 STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions of use.

Chemical stability

Stable under normal conditions of use.

Possibility of hazardous reactions

Stable under normal conditions of use.

Conditions to avoid

Avoid extreme heat and sources of ignition

Incompatible materials

Strong oxidising agents.

Hazardous decomposition products

Carbon dioxide, carbon monoxide, hydrocarbons

Section 11 TOXICOLOGICAL INFORMATION

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Acute toxicity:	This material has been classified as non-hazardous
Skin corrosion/irritation:	This material has been classified as non-hazardous
Serious eye damage/irritation:	This material has been classified as non-hazardous
Respiratory or skin sensitisation:	This material has been classified as a skin sensitiser
Germ cell 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 non-hazardous
Specific Target Organ Toxicity (STOT) – single exposure:	This material has been classified as non-hazardous
Specific Target Organ Toxicity (STOT) – repeated exposure:	This material has been classified as non-hazardous
Aspiration hazard:	This material has been classified as non-hazardous

Safety Data Sheet



Section 12 ECOLOGICAL INFORMATION

Ecotoxicity

No information available

Persistence and degradability

No information available.

Bioaccumulative potential

No information available

Mobility in soil

No information available

Other adverse effects

No information available

Additional Information:

Other ecotoxicological advice: Do not release untreated into natural waters. The local regulations on waste-water treatment must be followed.

Section 13 DISPOSAL CONSIDERATIONS

Waste disposal of substance:

Incinerate or dispose of in a licensed facility. Do not discharge into drains, surface water or groundwater.

Container disposal:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorised use of used containers.

Section 14 TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

NOT classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG7 Code) for transport by road or rail.

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

Safety Data Sheet



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 manufacturer 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.