

# Material Safety Data Sheet



## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product name:** 552-94805 INTERGRAIN DIMENSION 4

**Synonyms:**

**CAS-No.:**

**Molecular Formula:**

**Supplier:** Orica Woodcare  
**ACN:** 004 117 828  
**Street Address:** 1330 Ferntree Gully Rd  
Scoresby 3179  
Australia  
**Telephone:** +61 3 9757 9570  
**Facsimile:** +61 3 9757 9590

**Emergency telephone number:** 1 800 033 111 (ALL HOURS)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Recommended use:** Waterbased wood coating.

**Appearance:** Clear to slightly tinted viscous liquid.

CHEMICAL ENTITY	CAS NO.	PROPORTION
Water	7732-18-5	VHIGH
Acrylic resin	-	MED
Mica	12001-26-2	LOW
Additives (biocide, surfactant etc.)	-	LOW
2-Butoxy ethanol	111-76-2	VLOW
		-----
		100%

PROPORTION (% weight per weight):

VHIGH >60, HIGH 30-60, MED 10-29, LOW 1-9, VLOW <1

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

## 3. HAZARDS IDENTIFICATION

Not classified as hazardous according to criteria of Worksafe Australia.

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

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Poisons Schedule (Aust)/Toxic Substance (NZ): N/A - Not Applicable

## 4. FIRST AID MEASURES

**Ingestion:** Rinse mouth with water. Give water to drink. If vomiting occurs give further water. Seek medical advice.

**Eye contact:** Irrigate with copious quantities of water for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Skin contact:** Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. A component, 2-butoxy ethanol can be absorbed through the skin with resultant toxic effects. Seek immediate medical assistance. If irritation occurs seek medical advice.

**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.

**Notes to physician:** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Specific hazards:** Non-combustible material.

**Fire fighting further advice:** Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

**Suitable extinguishing media:** Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

For large spills: Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled drums for disposal.

For small spills: Collect in container for disposal. Refer disposal section for suggested disposal methods.

## 7. HANDLING AND STORAGE

**Storage:** Store in a cool place and out of direct sunlight. Store away from oxidising agents and foodstuffs. Keep containers closed at all times - check regularly for leaks.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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## National occupational exposure limits

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

However, Exposure Standards for constituents:

	TWA		STEL		NOTICES
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
2-Butoxy ethanol	25	121	-	-	Sk

As published by the National Occupational Health and Safety Commission (Worksafe Australia).

No Exposure Standards assigned to other constituents.

Exposure Standards -

TWA - the Time-Weighted Average airborne concentrations 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 work day.

According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers. 'Sk' notice - absorption through the skin may be a significant source of exposure. The Exposure Standard is invalidated if such contact can occur. 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. 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 and that air concentrations of components are controlled below quoted Exposure Standards. Keep windows and doors open during use. Keep containers closed when not in use.

**Personal protection equipment:** Orica Personal Protection Guide No.1, 1998: - Not in use

Keep out of reach of children. Avoid skin and eye contact and inhalation of vapour. Always wash hands before smoking, eating, drinking or using the toilet. If inhalation risk exists wear an organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour:** Clear to slightly tinted viscous liquid.

**Solubility:** Soluble in water.

Specific Gravity (20 C)	: 1.031	Melting Point (C)	: N App
Rel Vapour Density (air=1)	: N Av	Boiling Point (C)	: N Av
Vapour Pressure (20 C)	: N Av	Decomp. Point (C)	: N Av
Flash Point (C)	: N App	Evaporation Rate	: N Av
Flammability Limits (%)	: N App	pH	: 9.0-9.5
Autoignition Temp (C)	: N Av	Viscosity	: N Av

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% Volatile by volume : >70  
Solubility in water : Soluble (n-Butyl acetate=1)  
(Typical values only - consult specification sheet)  
N Av = Not available N App = Not applicable

## 10. STABILITY AND REACTIVITY

**Stability:** May react with oxidising agents.

## 11. TOXICOLOGICAL INFORMATION

**Main symptoms:** No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

**Ingestion:** No adverse effects expected, however large amounts may cause nausea and vomiting.

**Eye contact:** May be an eye irritant.

**Skin contact:** Contact with skin may result in irritation. A component, 2-butoxy ethanol can be absorbed through the skin with resultant toxic effects.

**Inhalation:** Where this material is used in a poorly ventilated area vapour may cause irritation to mucous membranes and respiratory tract.

**Long Term Effects:** No information available for product.

**Acute toxicity / Chronic toxicity**  
No LD50 data available for product.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating sewers and drains.

## 13. DISPOSAL CONSIDERATIONS

For large quantities: Refer to State Land Waste Management Authority.  
For small quantities: Do not pour leftover product down drain. Unwanted product should be disposed of via domestic waste collection. Empty containers should be left open in a well ventilated area to dry out. When dry recycle the container recycling programs. Disposal of empty containers via domestic recycling programs may differ between local authorities. Check with your local council first.

## 14. TRANSPORT INFORMATION

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

## 15. REGULATORY INFORMATION

Not classified as hazardous according to criteria of Worksafe Australia.

**Poisons Schedule (Aust)/Toxic Substance (NZ):** N/A - Not Applicable

## 16. OTHER INFORMATION

### Literary reference

This Material Safety Data Sheet has been prepared by SHE Pacific Pty Ltd on behalf of its clients.

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Reason(s) For Issue: First Issue.

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

This MSDS 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 workplace. Since Orica Limited and its subsidiaries cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed 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 upon request.