

BIOSYMPH LIMITED

MATERIAL SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Water Based Preparation Coat
 Product Code: WBPC - xxx
 Product Use: Sealer, Primer, Bonding liquid & Undercoat WHITE Paint
 New Zealand Supplier: Biosymph Limited
 Address: 2287 Kakaramea Road
 RD10 Whatawhata 3290
 Hamilton
 Telephone: +64 (0)7 829 8606 or +64 (0)22 607 6400 (mob)
 eMail: admin@biosymph.co.nz

Emergency Telephone: 0800 76 47 66 (National Poisons Centre)

Date of MSDS Preparation: 22 February 2022 version 1

Section 2. Hazards Identification

This substance is not classified as a dangerous good according to NZS5433: 2007

Pictograms

NONE REQUIRED

HSNO Classification	Hazard Code	Hazard Statement
Prevention Code	Prevention Statement	
P102	Keep out of reach of children	
P103	Read label or visit our website www.biosymph.co.nz before use	
P233	Keep container tightly closed	
P273	Avoid release into the aquatic environment	
P280	Wear protective gloves / eye protection	
Response Code	Response Statement	
P332+313	If skin irritation occurs: Get medical advice	
P391	Collect spillage	
Storage Code	Storage Statement	
P403+233	Store in a well-ventilated place. Keep container tightly closed.	
Disposal Code	Disposal Statement	
P501	Crush or puncture container to prevent further use if not recycled. Dispose of at an approved waste disposal site.	

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Mixed emulsified Alkyd resin in Water	40-80	Not available
Drying oils	10-20	Not available

Section 4.	First Aid Measures
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Recommended on-site emergency facilities: Eye wash station

Routes of Exposure:

If in Eyes	Remove excess contamination around eyes with olive oil. Wash eyes with a gentle stream of water to dislodge solid particles. Seek medical attention.
If on Skin	Remove contaminated clothing. Physically scrape off excess. Finally wash skin or hair with soap and water.
If Swallowed	DO NOT INDUCE VOMITING. Seek immediate medical attention.

Section 5.	Fire Fighting Measures
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Hazard Type	NON-flammable liquid
Hazards from decomposition products	Carbon dioxide, nitrogen oxides, unburnt hydrocarbons
Suitable Extinguishing media	Not Applicable

Section 6.	Accidental Release Measures
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Land Spill or Leaks

Small leaks or spills may be mixed with dry zeolite absorbent (kitty litter), sand or soil and swept up for domestic rubbish disposal.
 Large spills: evacuate all unnecessary personnel.
 Dyke the spill with appropriate spill media (zeolite, sand or soil) and shovel into recovery drums.
 If the spill enters any waterway, sewer or stormwater, notify the Environmental Response unit at the nearest council offices.

Section 7.	Handling and Storage
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Approved Handlers: **Not required.**

Precautions for safe handling: Open containers cautiously as they may be under pressure.

Conditions for safe storage: Store in a cool, dry, well-ventilated area away from food, animal feedstuffs, strong acids, alkalis and oxidizers. Protect from physical damage.
 Regularly inspect bulk containers for leaks or cracks.

Section 8	Exposure Controls / Personal Protection
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WORKPLACE EXPOSURE STANDARDS (NONE)

Personal Protective Equipment: Always wear suitable protective gloves (nitrile) and eye protection. Especially in confined spaces.

General: When large quantities are used, a plastic apron and rubber boots are recommended.

Section 9 Physical and Chemical Properties

Physical State:	Creamy thixotropic WHITE paint
Odour:	Low volatile content, minimal paint smell
pH:	~8.1
Solubility:	water
Volume Solids:	26%
Weight Solids:	28%
Density:	1.12
Evaporation Rate:	not available

Section 10. Stability and Reactivity

Chemical Stability	Stable under normal conditions. Does not polymerise
Conditions to Avoid	Heat, direct sunlight, low temperatures < 5°C
Incompatibility	Strong oxidizers, acids, alkalis
Hazardous Decomposition Products	Fumes of nitrogen, carbon oxides and acrid unburnt hydrocarbons

Section 11 Toxicological Information

Acute Oral Toxicity	LD₅₀ Rat (oral) 2000-5000 mg / kg bw
Acute Dermal Toxicity	LD₅₀ Rat (dermal) 2000-5000 mg / kg bw

Section 12. Ecotoxicological Information

HSNO Classifications:	Class 9.1B harmful to aquatic organisms
Environmental Precautions:	Prevent from entering waterways or contaminating groundwater
Ecotoxicity Data:	Not available
Environmental Fate:	Persistent and non-biodegradable
Environmental Exposure Limits:	Not set

Section 13. Disposal Considerations

Dispose of in approved hazardous landfills or by incineration.

Section 14 Transport Information

Classified as a NON-Dangerous Good for transport.

Section 15	Regulatory Information
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None

Section 16	Other Information
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1. This product may not be used as a marine anti-fouling paint, for pruning wounds on trees or shrubs or in the commercial treatment of timber.
2. Hazardous Substances Data Bank (HSDB), a database of the National Library of Medicine's TOXNET system (<http://toxnet.nlm.nih.gov>).
3. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Abbreviations:

CAS No	Chemical Abstracts Number
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms
NZIoC	New Zealand Inventory of Chemicals
STEL	Short Term Exposure Limit
TWA	Time Weighted Average
WES	Workplace Exposure Standard

References:

Supplier Material Safety Data Sheets

EPA website: www.epa.govt.nz

Hazardous Substances Data Bank (HSDB), a database of the National Library of Medicine's TOXNET system (<http://toxnet.nlm.nih.gov>).

Disclaimer:

This document has been compiled by Biosymph Limited and serves as the manufacturer's Material Safety Data Sheet ('MSDS'). It is based on information concerning the product which has been provided from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. While Biosymph Ltd has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Biosymph Ltd accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS. The information herein is given in good faith, but no warranty, express or implied is made.

This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority.

Please consult the relevant legislation and regulations governing the use and storage of this type of product.

For further information, please contact Biosymph Ltd.

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END OF MATERIAL SAFETY DATA SHEET