



MATERIAL SAFETY DATA SHEET

SDS 917

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1. Product and Company Identification

- 1.1 PRODUCT NAME:** PROTEXX MIOXX W B
- 1.2 USE OF PRODUCT** Coating for galvanized steel surfaces such as roofing and semi industrial cladding.
- 1.3 SUPPLIER:** Equus Industries Ltd
Sheffield Street
Riverlands Industrial Estate
Blenheim, Marlborough, New Zealand
Telephone: +64 3 578 0214
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Email: admin@equus.co.nz
- 1.4 EMERGENCY CONTACT:** **National Poison Centre**
Telephone: 0800 764 766

Information about Safety Data Sheet: Telephone: +64 3 578 0214 8:00am – 6:00pm Mon – Fri

- 1.5 Date of Preparation:** 14 July 2016

2. Hazards Identification

- 2.1 Statement of Hazardous Nature:**
Classified as hazardous according to New Zealand Hazardous Substances (Minimum degrees of hazard) Regulations 2007.
- 2.2 HSNO Group Standard:**
Surface Coatings and Colourants (Subsidiary Hazard).
- 2.3 Substance Classification:**
6.3B, 6.4A, 9.1D
- 2.4 Hazard Statements:**
H316 Causes mild skin irritation.
H317 May cause an allergic skin reaction.
H413 May cause long lasting harmful effects to aquatic life.
- 2.5 Prevention Statements:**
P103 Read instructions before use.
P261 Avoid breathing mist/spray.
P272 Contaminated work clothing should not be allowed out of workplace.
P273 Avoid release into the environment (sewers, drains etc).
P280 Wear protective gloves, clothing and eye protection.
- 2.6 Response Statements:**
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention
P363 Wash contaminated clothing before re-use.

3. Composition/Information on Ingredients

3.1 Chemical Characterization (Mixture):

3.2 Hazardous Components:

CAS NO.	COMPONENT	CONCENTRATION (% weight)
1336-21-6	Ammonium Hydroxide	< 0.2
127087-87-0	Poly(oxy-1,2 ethanediyl), alpha – (4nonylphenyl) – omega – hydroxyl -, (branched)	< 0.27
26530-20-1	2-octyl-24-isothiazol-3-one	<0.05
68412-53-3	Ethoxylated nonyl phenol phosphate ester	>=0.45 - <4.5

4. First Aid Measures

4.1 After Inhalation:

Remove person to fresh air.

4.2 After Skin Contact:

Wash with plenty of soap and water as a precaution. If skin irritation develops, consult a doctor.

4.3 After Eye Contact:

Immediately rinse with plenty of water for at least 10 minutes, while holding eyelid open. If eye irritation persists, consult a doctor.

4.4 After Ingestion:

Drink 1 or 2 glasses of water. Consult a doctor if necessary. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

5.1 Suitable Extinguishing Media:

Use extinguishing media appropriate for surrounding fire.

5.2 Protective Equipment:

Wear self contained breathing apparatus and protective suit.

5.3 Specific Hazards:

Material can splatter above 100⁰C. Dried product can burn.

5.4 Combustion Products:

Carbon monoxide, carbon dioxide, fumes and smoke. May yield acrylic monomers.

6. Accidental Release Measures

6.1 Preliminary Action and Precautions:

- 6.1.1 Use personal protective equipment.
- 6.1.2 Keep people away from and upwind of spill/leak.
- 6.1.3 Material can create slippery conditions.
- 6.1.4 Contain spills immediately with inert materials (e.g. sand, earth etc.)
- 6.1.5 Transfer liquids and solid diking material to suitable containers for recovery or disposal.
- 6.1.6 Keep spills and cleaning run off from entering sewers, drains and open bodies of water.

7. Handling and Storage

7.1 Handling:

- 7.1.1 Avoid contact with eyes, skin and clothing.
- 7.1.2 Wash hands thoroughly after handling.
- 7.1.3 Keep containers tightly closed when not in use.
- 7.1.4 Do not breathe vapours, mist or gas.

7.2 Storage:

- 7.2.1 Store in a well ventilated space.
- 7.2.2 Keep containers tightly closed at all times.

8. Exposure Controls and Personal Protection Equipment

8.1 Exposure Limits:

CHEMICAL NAME	CAS NUMBER	REGULATION	LIMIT
Ammonium hydroxide	1336-21-6	WES/TWA	25ppm, 17mg/m ³
		WES/STEL	35ppm, 24mg/m ³

8.2 Exposure Controls:

- Hand Protection – Protective gloves.
- Eye Protection – Goggles or safety glasses with side shields compatible with any respiratory equipment employed.
- Body Protection - Use suitable protective clothing.

9. Physical and Chemical Properties

9.1 General Information:	
Physical State/Form	Liquid
Colour	Various colours
Odour	Slight ammoniacal
pH	9.0-10.0
Boiling Point/Range	100°C
Flash Point	Not Applicable
Water Solubility/Miscibility	Completely Miscible
Specific Gravity	1.3-1.4

10. Stability and Reaction

- 10.1 General Information:**
This product is stable and no hazardous reactions are known.
- 10.2 Conditions to Avoid:**
There are no known conditions which should be avoided.
- 10.3 Material to Avoid:**
There are no known materials which are incompatible with this product.
- 10.4 Hazardous Decomposition Products:**
None expected when material properly handled and stored. For thermal decomposition see Section 5.

11. Toxicological Information

- 11.1 General Information:**
No specific data is available for this material.
- 11.2 Skin Contact:**
Prolonged or consistent skin contact may result in allergic dermatitis, May also cause sensitisation.
- 11.3 Eye Contact:**
May cause slight irritation including redness and tear formation.
- 11.4 Ingestion:**
May cause gastrointestinal discomfort. Symptoms may include nausea, vomiting, lethargy or diarrhoea.
- 11.5 Inhalation:**
Inhalation may cause a slight irritation to the respiratory tract.

12. Ecological Information

- 12.1 Environment Protection:**
Prevent from entering sewers, drains and waterways.
- 12.2 Ecotoxicity:**
No data available.
- 12.3 Persistence and degradability:**
No data available.
- 12.4 Bioaccumulative Potential:**
No data available.

13. Disposal Consideration

- 13.1 Material:**
Recycle or dispose of according to regulation by incineration in a special waste incinerator or landfill at a permitted facility in accordance with local/national regulations.

14. Transport Information

- 14.1 Land Transport:**
Not regulated under NZS 5433 for land transport.
- 14.2 Sea Transport: (IMO/IMDG):** Not regulated.
- 14.3 Air Transport: (IATA/ICAO):** Not regulated.

15. Regulatory Information

- 15.1 HSNO Approval:**
Approved Code: HSR002670
HSNO Group Standard: Surface Coatings and colourants (Subsidiary Hazard)
- 15.2 HSNO Controls:**
Approved Handler: Not required.

16. Other Information

- 16.1 Hazard Classifications:**
- | | |
|------|--|
| 6.3B | Substances that are mildly irritating to the skin. |
| 6.4A | Substances that are irritating to the eye. |
| 9.1D | Substances that are slightly harmful to the aquatic environment or are otherwise designed for biocidal actions |

16.2 Abbreviations/Terminology:

HSNO	Hazardous substances and New Organisms Act
CAS	Chemical Abstract Service
WES	Workplace Exposure Standard (NZ Department of Business, Innovation and Employment)
TWA	Time weighted average exposure level designed to protect from the effects of long-term exposure.
STEL	Short-term Exposure Level (15 minutes)
VOC	Volatile Organic Compound

16.3 Issue Information:

Date of Preparation: 14 July 2016

Reasons: New

Replaces: -

16.4 The information contained in this Data Sheet relates only to the specific material identified. Equus Industries Ltd believes the information to be accurate and reliable as at the date of this Data Sheet. No Warranty, Guarantee or representation is expressed or implied by the Company as to the absolute correctness or completeness of any representation contained in this Data and assumes no legal responsibility in connection therewith. It can not be assumed that all acceptable safety measures are contained in this Data Sheet, or that additional measures may not be required under particular or exceptional circumstances or conditions.