

**1. Product and Company Identification**

- 1.1 **PRODUCT NAME:** THERMEXX FC BINDER
- 1.2 **USE OF PRODUCT** Fairing Compound
- 1.3 **SUPPLIER:** Equus Industries Ltd  
Sheffield Street  
Riverlands Industrial Estate  
Blenheim, Marlborough, New Zealand  
Telephone: +64 3 578 0214  
Fax: +64 3 578 0919  
Email: [admin@equus.co.nz](mailto: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:** 27 August 2020

**2. Hazards Identification**

- 2.1 **HSNO Status:**  
Classified as hazardous according to New Zealand Hazardous Substances (Minimum degrees of hazard) Regulations 2017
- 2.2 **D.G Status:**  
Not classified as Dangerous Goods under NZS:5433:2012 Transport of Dangerous Goods on Land.
- 2.3 **Hazard Classification:**
- 2.3.1 **Class and GHS Category**  
Aquatic toxicity (chronic) Cat 3
- 2.3.2 **HSNO Category**      **Hazard Statement**  
9.1C      Harmful to aquatic life with long lasting effects
- 2.4 **Signal Word:**  
N/A
- 2.5 **Prevention Statement:**  
P273      Avoid release to the environment
- 2.6 **Response Statement:**  
N/A
- 2.7 **Storage Statement:**  
N/A

**3. Composition/Information on Ingredients**

- 3.1 **Chemical Characterization (Mixture)**
- 3.2 **Hazardous Components:**

CAS NO.	COMPONENT	CONCENTRATION %
9036-19-5	Octylphenoxypolyethoxyethanol	>0.5 - <1.0
1336-21-6	Ammonium Hydroxide	>0.05 - <0.1
Balance of Ingredients: Non-hazardous or below the hazardous threshold		



#### 4. First Aid Measures

- 4.1 After Inhalation:**  
Remove person to fresh air.
- 4.2 After Skin Contact:**  
Wash with plenty soap and water as a precaution. If skin irritation develops, consult a doctor.
- 4.3 After Eye Contact:**  
Rinse with plenty of water for at least 10 minutes, while holding eyelid open. Remove contact lenses, if present and easy to do. If eye irritation persists, consult a doctor.
- 4.4 After Ingestion:**  
Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.  
Seek medical attention

#### 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 100°C. Dried product can burn
- 5.4 Combustion Products:**  
Carbon monoxide, carbon dioxide, toxic 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 (eg. 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.
- 6.1.7**

#### 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 cool well-ventilated space.
- 7.2.2 Keep containers tightly closed at all times.
- 7.2.3 Keep product from freezing. Product stability may be affected.
- 7.2.4 Stir well before use.

## 8. Exposure Controls and Personal Protection Equipment

### 8.1 Exposure Limits:

CHEMICAL NAME	CAS NUMBER	REGULATION	LIMITS	
			ppm	mg/m <sup>3</sup>
Ammonium hydroxide	1336-21-6	WES/TWA	25	17
		WES/STEL	35	24

### 8.2 Exposure Controls:

#### 8.2.1 Exposure Controls in the Workplace:

Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use local exhaust when the general, ventilation is inadequate.

#### 8.2.2 Personal Protection Equipment:

##### Respiratory Protection

If engineering controls are not effective in controlling airborne exposure, then an approved respirator with a replaceable dust/particulate filter should be used. Reference should be made to Australia/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

##### Eye Protection

Safety glassed with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australia/New Zealand Standard AS/NZS 1337 – Eye Protectors for Industrial Applications.

##### Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e methods of handling or according to risk assessments undertaken. References should be made to AS/NZS 2161.1: Occupational protective gloves – Selection, use and maintenance.

##### Body Protection

Suitable protective workwear e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial Clothing.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties:

<b>Appearance:</b>	Gritty liquid
<b>Colour</b>	White
<b>Odour</b>	Acrylic/Slightly ammoniacal
<b>Odour Threshold</b>	Not available
<b>pH</b>	8.0 – 9.5



<b>Melting point/freezing point</b>	0°C approx.
<b>Boiling Point/Range</b>	100°C approx.
<b>Flash Point</b>	Not applicable
<b>Evaporation rate</b>	<1 water
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/lower flammability or explosive limits</b>	Not applicable
<b>Vapour pressure</b>	Not available
<b>Vapour density</b>	Not available
<b>Relative density</b>	0.8 – 0.9
<b>Water Solubility(ies)</b>	Dilutable
<b>Water Solubility of ingredients</b>	Dispersable
<b>Partition Coefficient: n-octanol/water</b>	Not available
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not available
<b>Viscosity</b>	Brookfield 50rpm, 5600-8000cps @23

## 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. Thermal decomposition see combustion products in section 5.

## 11. Toxicological Information

### 11.1 General Information:

No specific data is available for this material.

### 11.2 Skin Contact:

May cause slight irritation to skin.

### 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 product specific data available.

### 12.3 Persistence and degradability:

No product specific data available



- 12.4 Bioaccumulative Potential:**  
No product specific data available.

**13. Disposal Consideration**

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

**14. Transport Information**

- 14.1** Not regulated under NZS: 5433:2007 Transported Dangerous Goods on Land
- 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 HSR 002670  
HSNO Group Standard Surface Coatings and Colorants (Subsidiary Hazard)
- 15.2 HSNO Controls:**  
Approved Handler Not Required

**16. Other Information**

- 16.1 Hazard Classification:**  
9.1C Substance that are harmful to aquatic environment.
- 16.2 Abbreviations/Terminology:**  
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)
- 16.3 Issue Information:**  
Date of Preparation: 27 August 2020  
Reasons: Update and format change  
Replaces: 1 July 2007
- 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.