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MATERIAL SAFETY DATA SHEET

MSDS 611

PAGE 1 OF 6

1. Product and Company Identification

- 1.1 PRODUCT NAME:** DYMONIC FC
- 1.2 USE OF PRODUCT** Sealant.
- 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
- 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

2. Hazards Identification

- 2.1 Classification:**
Dangerous Goods – classification according to New Zealand Dangerous Goods Code.
- 2.2 Risk & Safety Phrases:**
Not applicable.
- The full text of each R & S phrases is listed in Section 16.

3. Composition/Information on Ingredients

- 3.1 Chemical Characterization (Preparation):**
This product is a preparation.

3.2 Hazardous Ingredients:

CAS NO.	COMPONENT	CONCENTRATION %	CLASSIFICATION
85-68-7	Butyl benzyl phthalate	15.0-4.0%	-

- 3.3** Only ingredients, additives and impurities which are classified and contribute to the classification of the product are included in this section.



4. First Aid Measures

Get medical attention for any significant over exposure.

4.1 After Inhalation:

Leave area to breathe fresh air. Avoid further over exposure. If symptoms persist, seek medical attention.

4.2 After Skin Contact:

Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, seek medical attention immediately.

4.3 After Eye Contact:

Flush with water for at least 15 minutes while holding eye lids apart. If irritation persists, get medical attention

4.4 After Ingestion:

Call doctor immediately. Do not induce vomiting unless advised by a doctor.

4.5 Advice to Doctor:

Treat symptomatically.

5. Fire Fighting Measures

5.1 Suitable Extinguishing Media:

If water fog is ineffective, use carbon dioxide, dry chemical or foam. Water may be used to cool containers to minimize pressure buildup.

5.2 Protective Equipment:

Use accepted fire fighting techniques. Wear full fire fighting protective clothing, including self contained breathing apparatus (SCBA).

5.3 Specific Hazards:

Packaging may burst when exposed to extreme heat. Empty packaging may contain ignitable vapours. Vapour concentrations in enclosed areas may ignite explosively. Vapours may travel to sources of ignition and flash back.

5.4 Combustion Products:

Carbon monoxide and carbon dioxide can form. Smoke, fumes.

6. Accidental Release Measures

6.1 Preliminary Action and Precautions:

6.1.1 Eliminate every possible source of ignition.

6.1.2 Avoid contact with material.

6.1.3 Wear recommended personal protective equipment.

6.1.4 Prevent entry of product into sewers, storm water drains and open bodies of water.



6.1.5 Scrape up the spillage and place in suitable disposal containers and allow to cure.

6.1.6 Dispose of as detailed in Section 13.

7. Handling and Storage

7.1 Handling:

7.1.1 Prevent inhalation of vapour, ingestion and contact with skin, eyes and clothing.

7.1.2 Contaminated clothing should be removed and laundered before reuse.

7.1.3 Clean hands thoroughly after handling.

7.1.4 Do not eat, smoke, or drink while using this product, or weld, generate sparks, or use flame in the near vicinity.

7.2 Storage:

7.2.1 Store under cool, dry, well ventilated warehouse conditions.

7.2.2 Store away from sources of ignition, (i.e. sparks, open flames, heat etc.)

7.2.3 Store away from epoxy curing agents, amines and oxidizing agents.

7.2.4 Ensure packaging remains undamaged.

8. Exposure Controls and Personal Protection Equipment

8.1 Exposure Limits:

No values assigned for this specific material.

8.2 Exposure Controls:

8.2.1 Exposure Controls in the Work Place:

Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use general ventilation and/or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS.

8.2.2 Personal Protection Equipment

Respiratory Protection – Wear appropriate, properly fitted NIOSH/MSHA, approved respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS.

Hand Protection – Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.

Eye Protection – Wear chemical splash goggles.

Protective Measures - Use professional judgment in the selection, care and use.



9. Physical and Chemical Properties

9.1 General Information:	
Physical State/Form	Paste
Colour	Various
Odour	Slight ester
pH	Not available
Vapour Pressure	Not available
Vapour Density	Heavier than air
Melting Point/Range	Not available
Freezing Point	Not available
Boiling Point/range	Not available
Water Solubility/Miscibility	Negligible.
Evaporation Rate	Not available
Specific Gravity	1.454
Flash Point	Not available
Lower Explosion Limit	Not available
Upper Explosion Limit	Not available
Autoignition Temperature	Not available
VOC	3g/l

10. Stability and Reaction

- 10.1 General Information:**
This material is stable when properly handled and stored. No hazardous reactions are known.
- 10.2 Conditions to Avoid:**
Closed container may burst when exposed to extreme heat.
- 10.3 Material to Avoid:**
Epoxy curing agents, amines and oxidizing agents.
- 10.4 Hazardous Decomposition Products:**
None expected when material properly handled and stored. For thermal decomposition see Section 5.

11. Toxicological Information

- 11.1 Emergency Overview:**
Vapour may irritate respiratory tract. May cause nausea, headaches and dizziness. Leave area to breathe fresh air. Avoid further over exposure. If symptoms persist, get medical attention.
- 11.2 Acute toxicity:**
Butyl benzyl phthalate:
Oral LD 50: (Rat) 13,500 mg/kg
- 11.3 Skin Contact:**
May cause sensitization resulting in irritation, itching and redness.



- 11.4 Eye Contact:**
Direct contact may cause mild irritation. May cause temporary injury.
- 11.5 Ingestion:**
May cause gastrointestinal irritation, nausea, and vomiting.
- 11.6 Inhalation:**
Vapour may irritate respiratory tract. May cause nausea, headaches and dizziness.
- 11.7 Chronic effects:**
Prolonged or repeated exposure to Butyl benzyl phthalate may cause reduced body weights and adverse effects on the liver, kidney, spleen, pancreas and reproductive organs. Organosilane may cause liver injury with fibrosis after repeated and prolonged over exposure. Fillers are encapsulated and not expected to be released from product under normal conditions of use.
- 11.8 Aggravated Medical Conditions:**
Pre-existing eye, skin, liver, kidney and respiratory disorders may be aggravated by exposure.

12. Ecological Information

- 12.1 Environment Protection:**
Prevent product from entering drains, sewers and waterways.
- 12.2 Ecotoxicity:**
Data not available.
- 12.3 Persistence and degradability:**
Data not available.
- 12.4 Bioaccumulative Potential:**
Data not 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 Land Transport:**
Road: Not regulated (not dangerous for transport)
Rail: Not regulated (not dangerous for transport)
- 14.2 Sea Transport:** Not regulated (not dangerous for transport)
- 14.3 Air Transport:** Not regulated (not dangerous for transport)



14.4 Postal and Courier Service: Can be transported under normal conditions.

15. Regulatory Information

This product is non-hazardous.

16. Other Information

16.1 Full Text of R-Phrases Contained in Section 2:

Not applicable.

16.2 Full Text of S-Phrases Contained in Section 2:

Not applicable.

16.3 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.