

FIL

FIL Detail

SAFETY DATA SHEET

Issue Date: 16-Jan-07

1. Product and Company Identification

Product Name: FIL Detail
Proper Shipping Name: Non-Hazardous
Synonyms: Water based paint
Recommended Use: Stock marker
Molecular Formula: Mixture
Manufacturer: Farmers Industries (New Zealand) Limited
Address: 72 Portside Drive, Mount Maunganui
Telephone Number: 07 575 2162
Fax Number: 07 575 2161
Emergency phone No: 24hr 0508 434 569
Website: www.fil.co.nz
Email: info@fil.co.nz

2. Hazards Identification

Dangerous Goods: Not applicable

Hazardous Substance (HSNO):



WARNING

HSNO Classification and

Hazard Statements:

6.1D Acutely toxic substance (low hazard)
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
6.3B Skin irritant (medium hazard)
H316 Causes mild skin irritation.
6.4A Eye irritant
H319 Causes serious eye irritation
9.1A Ecotoxic in the aquatic environment (high hazard)
H410 Very toxic to aquatic life with long lasting effects.

Prevention Statements:

P102 Keep out of reach of children.
P103 Read Label before use
P104 Read Safety Data Sheet before use
P261 Avoid breathing dust
P264 Wash hands thoroughly after handling.
P270 Do not eat drink or smoke while using this product.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment
P280 Wear protective gloves

Response Statements:

P101 If medical advice is needed, have product container or label at hand.
P301+P312 IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTRE or doctor/physician if you feel unwell.
P330 Rinse mouth.
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical attention.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.

3. Composition/Information on Ingredients

Appearance:	Viscous water based paint - various colours	
Ingredient CAS No:	64-17-5	Ethanol (<10%)
	7732-18-5	Water (<30%)
	471-34-1	Calcium Carbonate (>30%)
		Latex (<30%)
		additives, pigments, thickeners, resin (to 100%)

4. First Aid Measures

Ingestion:	Rinse mouth then give a glass or two of water or milk. DO NOT cause vomiting. Seek medical attention.
Eye Contact:	Wash eye with gently running water for at least 20 minutes. Do not rub the eye. Cover with sterile dressing. Seek medical attention if irritation persists.
Skin Contact:	Quickly remove contaminated clothing. Wash skin with large quantities of soap and water. Seek medical attention if irritation persists.
Inhalation:	Remove the casualty from further contamination.
Notes to Physician:	Treat symptomatically.

5. Fire-fighting Measures

Specific Hazards:	Non-flammable. May give off choking fumes if involved in a fire. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.
Suitable Extinguishing Media:	Water fog (or if unavailable fine water spray), foam, dry chemical powder).

6. Accidental Release Measures

Spill Cleanup Methods:	Contain and recover. Avoid contamination of waterways. Small quantities may be washed to drain with large quantities of water.
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7. Handling and Storage

Handling:	Use suitable gloves(neoprene, nitrile or PVC) for prolonged use. Use with adequate ventilation - avoid creation and inhalation of aerosols. Ecotoxic in the aquatic environment, avoid loss into natural waterways
Storage:	Store in original container, tightly closed, away from foodstuffs and out of reach of children.

8. Exposure Control/Personal Protection

Exposure Standards:	TWA - Ethanol 1000 ppm
Engineering Controls:	Use in a well ventilated area
Personal Protection:	Use suitable gloves for prolonged use.

9. Physical and Chemical Properties

Appearance and Odour:	Viscous water based paint - various colours.
Solubility in Water (g/l):	Miscible.
Specific Gravity:	1.6
Boiling Point/Melting Point (C):	BP 100
Vapour Pressure: (Pascals or mm of Hg @ 250C):	Not available
Flashpoint (C):	Non flammable
Flammability Limits (%):	Not applicable
pH Value:	Not available

10. Stability and Reactivity

Stability:	Stable. Incompatible with acids, strong oxidising agents, fluorine, ammonium salts, alum.
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11. Toxicological Information

General:	May be harmful if swallowed, gets in eyes or in prolonged skin contact.
Ingestion:	Irritant, emetic, purgative. Harmful in larger quantities. Calcium carbonate: LD50 Rat oral 6450 mg/kg
Eye Contact:	Irritant - reddened, swollen or watering excessively.
Skin Contact:	Possible irritant on prolonged exposure.

Ethanol: LD50 Mouse 8285 mg/kg

Inhalation: Mild alcohol effects - aerosols or mists.
Ethanol: LC50 Mouse inhalation 39 mg/cu m/4 hr

12. Ecotoxicity Information

Ecotoxic in the aquatic environment, avoid loss into natural waterways

Ethanol: LC50 (Rainbow trout) 13000 mg/L/96 hr

Dibutyl phthalate: LC50 (Rainbow trout) 6.5 mg/L/96 hr

13. Disposal Considerations

Container Disposal: Dispose of empty containers safely. Avoid contamination of any water supply with product or empty container.

Product Disposal: Dispose of product safely. Avoid contamination of any water supply with product or empty container.

14. Transport Information

UN No: Not applicable
Dangerous Goods Class: Not applicable
Hazchem Code: Not applicable
Packing Group: Not applicable
Proper Shipping Name: Non-hazardous
Segregation: Do not store with explosives, strong oxidising agents, food or food containers.

15. NZ Regulatory Information

ERMA Approval Code: HSR002670

Group Standard: Surface Coatings and Colourants (Subsidiary Hazard)

HSNO Classifications:

6.1D	Acutely toxic substance, oral (low hazard)
6.3B	Skin irritant (medium hazard)
6.4A	Eye irritant
9.1A	Ecotoxic in the aquatic environment (high hazard)

HSNO Controls: Trigger quantities for this substance by itself in a Place:

Approved Handler Test Certificate:	<i>Not required</i>
Hazardous Substance Location:	<i>Not required</i>
Location Test Certificate:	<i>Not required</i>
Hazardous Atmosphere Zone:	<i>Not required</i>
Emergency Plan:	<i>100 litres</i>
Tracking:	<i>Not required</i>
Warning Sign:	<i>100 litres</i>
Disposal:	<i>Not required</i>

16. Other Information

Issue Date: 16-Jan-07
Review Date: 16-Jan-12 Replaces issue of 06-Dec-06

Definitions:

DG	Dangerous Good	
LC50	Lethal concentration 50 % kill	
LD50	Lethal dose 50 % kill	
LDLO	lowest published lethal dose	
PEL	Permissible exposure limit	
TLM24	24 hour median threshold limit	
TWA	Time weighted average	<i>The 8-hour time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure</i>