

SAFETY DATA SHEET

FoamMaster™

Date of Issue: March 2010

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Polymethylsiloxane
Recommended use: Defoaming agent

Supplier: Elliott technologies ltd
PO Box 838
Pukekohe

Emergency telephone number: 0800 Poison (0800 764 766) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classification: Harmful: 6.4A
Ecotoxic_ 9.1C

Required identification Details: KEEP OUT OF THE REACH OF CHILDREN
Harmful to aquatic life with long-lasting effects.
Harmful – may cause eye irritation. Avoid contact with eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common name	CAS No	%
Hazardous: Glycerine	56-81-5	5-10%
Non-Hazardous: Siloxane Polyalkylenoxide	Trade secret	1-5%
Copolymer Polyalkylenoxide	Trade secret	10-30%
Silica Filled, Silicone Oil	Trade secret	10-30%
Water	7732-18-5	60-90%

4. FIRST-AID MEASURES

Description of necessary first aid measures:

Effects and symptoms

First-aid measures

Inhalation:

Ingestion:

Do NOT induce vomiting. If victim is conscious, give 2 glasses of water. Never give anything by mouth to an unconscious person.

Skin contact:

Wash off with soap and water. Get medical attention if symptoms occur.

Eye contact:	In case of contact, immediately flush eyes with plenty water for at least 15 minutes and get medical attention if irritation persists.
Notes to a physician:	Treatment is symptomatic and supportive
Workplace facilities:	
Required Instructions:	

5. FIRE-FIGHTING MEASURES

HAZCHEM Code:	2W
Extinguishing media :	All standard extinguishing agents are suitable
Hazardous thermal (de)composition products:	After evaporation of water, residue can burn to produce: Oxides of carbon, Oxides of silicon, Formaldehyde. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient quantities can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300°F (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.
Protection of fire-fighters:	Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear protective equipment. Chemical proof gloves, eye protection and full length clothing.
Environmental precautions:	Prevent run off into waterways.
Methods for cleaning up:	Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear protective equipment as specified in the protective equipment section.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes. Keep away from children. Do not freeze. Stir well before using. Attention: Not for injection into humans. May generate formaldehyde at temperatures greater than 105°C (300°F). See section 10 MSDS for details.
Storage:	Keep container closed. Recommended storage between 35°F (2°C) and 80°F (26°C)
Packaging materials:	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Workplace exposure standards: NA

Application in the workplace: NA

**Exposure Standards outside:
The workplace:** NA

Engineering measures

Hierarchy of controls: Eyewash stations; Showers; Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

Exposure control measures:

No Hazard indication:

Ventilation specification:

Personal Protective Equipment

Detail specifications for equipment:

Respiratory system: Respiratory protection should be worn if a large spill occurs. Respiratory protection must be provided in accordance with OSHA regulations.

Skin and body: Wear suitable protective clothing and eye/face protection.

Hands: Impermeable or chemical resistant gloves.

Eyes: Safety glasses with side-shields.

General hygiene:

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Colour: Opaque

Odour: Faint

pH: No data available

Vapour Pressure (20°C; MM HG): <20

Vapour Density (AIR=1): >1

Boiling Point: >100°C; >211°F: (estimated)

Freezing/melting point: 0°C; 32°F (approximately)

Solubility in water: 20°C

Specific gravity or density(WATER=1): 1.03

Information for flammable material including:

- Lower and upper

flammability limits

- **Flashpoint (state test Method)**

Auto – ignition Temperature:

Octanol/water partition coefficient:

Explosion properties:

Oxidation properties:

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions to avoid: None known
Materials to avoid: None currently known

Hazardous decomposition Products: After evaporation of water, residue can burn to produce: Oxides of carbon, Oxides of silicon, Formaldehyde. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient quantities can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300°F (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.

Hazardous polymerization: Will not occur
Specific Data:
Hazardous reactions :

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral : No data available
Acute toxicity - Dermal : No data available

Acute toxicity – Inhalation: No data available

Skin irritation : No data available

Eye irritation: No data available

Sensitization : No data available

Common name :

Chronic toxicity :
Carcinogenicity:

Mutagenicity: No data available

Reproduction toxicity:

Other information : No adverse effects anticipated from available information.

12. ECOLOGICAL INFORMATION

Ecotoxicity No data available

Fish

Daphnia magna

Algae

Bees

Common name

Mobility Soil

Water

Persistence/degradability Soil

Water

Bioaccumulative potential : No data available

Ecotoxicity

Fish

Daphnia magna

Algae (scenedesmus subspicatus)

Birds

Bees

13. DISPOSAL CONSIDERATIONS

Methods of disposal : Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

International transport regulations

International transport regulations: This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

UN number: Not a Dangerous Good

Land - Road/Railway

Proper shipping name :

15. REGULATORY INFORMATION

ACVM Registered Number: Not an Agricultural Compound

HSNO Approval Code: HSR002503

16. OTHER INFORMATION

Additional information:

Disclaimer

This data is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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