

# Material Safety Data Sheet

CS: 1.4.22

Page: 1 of 4

Infosafe No™ IA1TE Issue Date : July 2008 ISSUED by MING CS: 1.4.22

Product Name : MING WATER BASED BOTTOM COMPOUND RUSTPROOFING

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** MING WATER BASED BOTTOM COMPOUND RUSTPROOFING  
**Company Name** MING STEALSTOPPER (VIC) PTY LTD  
**Address** 275 Canterbury Road Canterbury  
Victoria 3126 Australia  
**Telephone/Fax Number** Tel: (03) 9888-6789  
Fax: (03) 9888-6944  
**Recommended Use** Waterproof protective coating, rustproof coating.  
**Other Names** Name Product Code  
Water Based Paint

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** NON-HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Styrene-butadiene copolymer	9003-55-8	30-60 %
	Anionic bitumen emulsion	64742-93-4	30-60 %
	Ethanol	64-17-5	0-<10 %
	Other ingredients determined not to be hazardous, including water		Balance

## 4. FIRST AID MEASURES

**Inhalation** Remove the source of contamination or move the affected person to fresh air. Apply artificial respiration if not breathing. Seek medical attention.  
**Ingestion** Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.  
**Skin** Wash affected area thoroughly with copious amounts of running water. Remove contaminated clothing and wash before reuse. If symptoms develop seek medical attention.  
**Eye** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.  
**First Aid Facilities** Eye wash and normal washroom facilities.  
**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Foam, carbon dioxide, dry chemical powder, water spray and water fog.  
**Hazards from Combustion Products** Under fire conditions this product may emit toxic and/or irritating smoke fumes including carbon monoxide, carbon dioxide and oxides of nitrogen.  
**Specific Hazards** Polymer will burn in a general fire once the water component has been driven off.  
**Precautions in connection with Fire** Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.

## 6. ACCIDENTAL RELEASE MEASURES

# Material Safety Data Sheet

CS: 1.4.22

Page: 2 of 4

Infosafe No™ IA1TE	Issue Date : July 2008	ISSUED by MING	CS: 1.4.22
--------------------	------------------------	----------------	------------

Product Name : **MING WATER BASED BOTTOM COMPOUND RUSTPROOFING**

**Emergency Procedures** Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for the subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Wear appropriate protective equipment to prevent exposure. Prevent the creation of vapours or mists in the work atmosphere. Keep containers closed when not in use. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

**Conditions for Safe Storage** Store in a cool, dry well-ventilated area away from heat and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Prevent from freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** No value is assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC) Australia, however the available exposure limits on the ingredients as provided by NOHSC are as follows:

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethanol	1,000	1,880	-	-

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

No Biological limit available.

**Biological Limit Values**

**Engineering Controls** Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof local exhaust ventilation system is required.

**Respiratory Protection** Not required under normal conditions of use. However, if engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist filter should be used. Reference should be made to Australian/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 glasses with side shields or goggles as appropriate should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection** Wear gloves of impervious material such as neoprene or rubber. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference 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. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

# Material Safety Data Sheet

CS: 1.4.22

Page: 3 of 4

Infosafe No™ IA1TE	Issue Date : July 2008	ISSUED by MING	CS: 1.4.22
--------------------	------------------------	----------------	------------

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<b>Appearance</b>	Dark brown viscous liquid when wet. Dries to black film.
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	100°C approx (water)
<b>Solubility in Water</b>	Soluble
<b>Specific Gravity</b>	1 kg/L
<b>pH Value</b>	Not available
<b>Vapour Pressure</b>	As for water
<b>Vapour Density (Air=1)</b>	>1
<b>Volatile Component</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	Product is non-flammable. However dried film is combustible and will burn in a general fire.
<b>Auto-Ignition Temperature</b>	Not applicable
<b>Flammable Limits - Lower</b>	Not applicable
<b>Flammable Limits - Upper</b>	Not applicable

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Incompatible Materials</b>	Strong oxidising agents, strong acids and alkalis.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, carbon dioxide and oxides of nitrogen.
<b>Hazardous Polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Toxicology Information</b>	No toxicity data are available for this specific product. The available data for ethanol are as follows: LD50 (Oral, Rat): 7,060 mg/kg LD50 (Oral, Mouse): 3,450 mg/kg LD50 (Inhalation, Rat): 20,000 ppm/10h
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	May cause nausea, abdominal pain and vomiting.
<b>Skin</b>	May cause irritation in contact with the skin, which may result in redness and itchiness.
<b>Eye</b>	May cause eye irritation, tearing, blurred vision and redness.
<b>Chronic Effects</b>	Not available

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	Not available
<b>Persistence / Degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Bioaccumulative Potential</b>	Not available
<b>Environ. Protection</b>	Prevent this material entering waterways, drains and sewers.

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# Material Safety Data Sheet

CS: 1.4.22

Page: 4 of 4

Infosafe No™ IA1TE Issue Date :July 2008 ISSUED by MING CS: 1.4.22

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### 13. DISPOSAL CONSIDERATIONS

**Disposal Considerations** The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

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### 14. TRANSPORT INFORMATION

**Transport Information** Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

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### 15. REGULATORY INFORMATION

**Regulatory Information** Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.  
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**Poisons Schedule** Not Scheduled

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### 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS** MSDS Review: July 2008  
Supersedes: March 2003

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