

# Material Safety Data Sheet

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Issue date: August 2011

## METALL-BOOTH 500L

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** METALL-BOOTH 500L

**Use:** PAINT FLOCCULANT

**CHEMETALL (AUSTRALASIA) PTY LTD**  
**17 TURBO DR. BAYSWATER NORTH, VICTORIA 3153 AUSTRALIA.**  
**PH 03-9729 6253 FX 03-9720 1711**

**CHEMETALL (NZ) LTD**  
**664 ROSEBANK ROAD, AVONDALE, AUCKLAND, NEW ZEALAND.**  
**PH 64-9-820-3888 FAX 64-9-820-3979**

**Emergency Advice All Hours:**

Technical manager ph 61(03) 9729 6253 (business hours) fx 61(03) 9720 1711

pager (all hours) 61(03) 9625 0722

(In New Zealand ph 64(09) 820 3888 in business hours, (64) 021 703418 after hours).

### 2. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO THE CRITERIA OF NOHSC AUSTRALIA

**Hazard Category:** Irritant (Xi)

**RISK PHRASES**

R43 May cause sensitisation by skin contact.

**SAFETY PHRASES**

S24/25 Avoid contact with skin and eyes.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
FORMALDEHYDE	Less than 1%	50-00-0
HYDROCHLORIC ACID (Below Cutoff)	Less than 1%	7647-01-0
WATER AND OTHER NON-HAZARDOUS SUBSTANCES	Greater than 60%	Mixture

### 4. FIRST AID MEASURES

**Swallowed:**

If swallowed, DO NOT induce vomiting. If victim is conscious give water to drink. If sickness persists transport to hospital or doctor.

**Eye:**

If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. Immediately transport to hospital or doctor.

**Skin:**

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available. If irritation persists transport to hospital or doctor.

**Inhaled:**

Move victim to fresh air. Apply resuscitation if victim is not breathing.

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### First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

### Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

## 5. FIRE-FIGHTING MEASURES

### Fire/Explosion Hazard

CAUTION: Use of water spray when fighting fire may be inefficient.

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, foam or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS: If tanks, drums or containers of this material are heated, they may rupture and project corrosive liquids over a wide area.

HAZCHEM CODE: 2X

### FLAMMABILITY

Not flammable or combustible. If involved in a fire may generate noxious and corrosive fumes.

## 6. ACCIDENTAL RELEASE MEASURES

Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Shovel or use HEPA vacuum system to collect then place into properly labelled containers for disposal.

## 7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents and strong acids. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by [NOHSC] to the following components of the product:

### FORMALDEHYDE

(NOHSC Australia)

[TWA]1 ppm 1.2 mg/m<sup>3</sup>

[STEL]2 ppm 2.5 mg/m<sup>3</sup>

Carcinogen Category: 2

Notices: Sen

References: H;R

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(ACGIH)

[STEL]0.3 (Ceiling) 0.37 (Ceiling)

**Carcinogen Category:** A2

### ***HYDROCHLORIC ACID (Below Cutoff)***

(NOHSC Australia)

[TWA]5 ppm 7.5 mg/m<sup>3</sup>

[STEL]Peak limitation

**References:** H

(ACGIH)

[STEL]5 (Ceiling) 7.5 (Ceiling)

### **Engineering Controls**

Corrosive liquid. Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

### **Personal Protection Equipment**

GLOVES: PVC or rubber.

EYES: Chemical goggles or faceshield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours. Select and use respirators in accordance with AS/NZS 1715/1716.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Light blue liquid
<b>Boiling Point:</b>	100 deg.C.
<b>Specific Gravity:</b>	1.04
<b>Flash Point:</b>	None
<b>Flammability Limits:</b>	None
<b>Solubility in Water:</b>	Complete

### **Other Properties**

pH neat 1.2-2.2

## 10. STABILITY AND REACTIVITY

### **STABILITY:**

Stable under normal conditions of use.

### **HAZARDOUS DECOMPOSITION PRODUCTS:**

Emits choking and corrosive fumes when heated to decomposition.

### **HAZARDOUS POLYMERIZATION:**

Will not occur.

### **INCOMPATIBILITIES:**

Strong alkalis and oxidizing agents.

### **CONDITIONS TO AVOID:**

Heat, flames, ignition sources and incompatibles.

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### 11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

#### **ACUTE HEALTH EFFECTS:**

##### **Swallowed:**

May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

##### **Eye:**

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

##### **Skin:**

Will cause irritation to the skin, with effects including: Redness, itchiness, and possible dermatitis.

##### **Inhaled:**

May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.

##### **Chronic:**

Prolonged or repeated contact with this substance will cause sensitisation by skin contact.

Additional information for Chronic

Formaldehyde has been classified as a CATEGORY 3 CARCINOGEN (NOHSC).

Substances suspected of having carcinogenic potential are those substances which have possible carcinogenic effects on humans but in respect of which the available information is not adequate for making a satisfactory assessment. There is some evidence from appropriate animal or epidemiological studies, but this is insufficient to place the substance in Category 2.

##### **Toxicological Data:**

There is no other toxicological information available for this product.

### 12. ECOLOGICAL INFORMATION

There is no ecological information available for this product, however, large quantities should not be discharged into drains, sewers or waterways.

### 13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

### 14. TRANSPORT INFORMATION

**UN Number:** 1760

**Proper Shipping Name:** CORROSIVE LIQUID, N.O.S.

**Dangerous Goods Class:** 8

**Packing Group:** III

**Label:** Irritant (Xi)

Classified as a CLASS 8 (CORROSIVE) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition.

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### 15. REGULATORY INFORMATION

**Poison Schedule:** None allocated [Aust]

**Inventory Status:**

Australia (AICS) All ingredients are on the inventory.

### 16. OTHER INFORMATION

**Contact Point**

Technical manager ph 61(03) 9729 6253 fx 61(03) 9720 1711

Emergency Pager 61(03) 9625 0722. (A.H.)

In New Zealand ph 64(09) 820 3888, (64) 021 703418 (A.H)

**Disclaimer**

The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control Chemetall (Australasia) Pty Ltd and its associated companies does not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.

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**Revision Date: August 2011**

**Supersedes : May 2006**  
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Reason For Revision:

Updated after 5 years.

**END OF MSDS**