

**GEMCUTS PTY LTD**

Date of Issue 7-11-2019

**SAFETY DATA SHEET  
MAGNESIA SOLDERING BLOCK**

IMPORTANT NOTICE: This Safety Data Sheet (SDS) is issued by Gemcuts Pty Ltd in accordance with National Occupational Health and Safety Commission guidelines. The information contained in this document must not be added to, deleted or altered. Gemcuts Pty Ltd will issue a new SDS when there is a change in the product specifications and/or with the National Occupational Health and Safety Commission guidelines/ regulations. Gemcuts Pty Ltd will not accept any responsibility for any changes made to its SDS in content by any other person or organisation.

**CLASSIFICATION OF MATERIAL**

**This material is Not a hazardous or dangerous product**

**1. IDENTIFICATION OF THE MATERIAL & SUPPLIER**

<b>Product</b>	Magnesia Soldering Block, Thermo 12(R) Gold Calcium Silicate Insulation
<b>Recommended Use</b>	The Media in which pins are pushed into to hold items to be soldered
<b>Supplier/Importer</b>	Gemcuts Pty Ltd
<b>ABN</b>	43 780 687 841
<b>Manufacturer</b>	Euro Tool Inc.
<b>Address</b>	36A Smith Drive, West Ballina NSW 2478
<b>Telephone Number</b>	02 66911686
<b>Facsimile</b>	N/A
<b>Email</b>	admin@gemcuts.com.au
<b>Emergency Telephone</b>	131126 Poisons Information Centre 0427012014

## SAFETY DATA SHEET

### 2. HAZARDS IDENTIFICATION

#### 2.1 Hazards Classification:

N/A

#### 2.2 Hazard Category:

Non-Hazardous substance. Non-Dangerous Goods

#### 2.3 Risk Phrase(s):

N/A

#### 2.4 Safety Phrase(s):

**P261:** Avoid breathing dust, may cause respiratory tract irritation.

**P264:** Wash thoroughly after handling. Avoid skin irritation by wearing protective gloves. If needed wear eye protection and dust mask.

**Emergency Overview:** Dust generated in use may cause temporary irritation to skin, eyes, nose and respiratory tract.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Product Description:** Solid block, tan in colour. Asbestos free.

#### 3.2 Contents

Chemical Name	CAS Number	Proportion %
Synthetic Calcium Silicate	1344-95-2	>=90%
Cellulose fibre	9004-34-6	0-4%

## SAFETY DATA SHEET

### 4. FIRST AID MEASURES

**For advice, contact a Poisons Information Centre,**

**Phone (Australia) 131 126**

**Inhalation:** Give clean air to breathe

**Skin Contact:** Wash with plenty of water

**Eye Contact:** Wash with plenty of water and remove contact lenses.

**Ingestion:** Keep respiratory tract clear. Never give anything by mouth to an unconscious person.

**Seek medical assistance if symptoms persist.**

**Notes to physician:** Treat symptomatically

### 5. FIRE FIGHTING MEASURES

**5.1** Explosion Hazard: None

**5.2** Fire Fighting Advice: Fire fighters should use self-contained breathing apparatus.

**5.3** Suitable Extinguishing Media: Anything suitable to the environment

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Action:** If material cannot be recovered, pick up without causing dust, transfer to waste container and dispose in local landfill in compliance with Local, State and Commonwealth regulations

### 7. HANDLING & STORAGE

**7.1 Handling Advice:** Use personal protective equipment if needed or in prolonged exposure.

**7.2 Storage Advice:** Keep in a dry, cool place.

## SAFETY DATA SHEET

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Occupational Exposure Limits:

Synthetic calcium silicate 1344-95-2 TWA 10mg/m<sup>3</sup>

Cellulose Fibre 9004-34-6 TWA 10mg/m<sup>3</sup>

**8.2 Engineering Control Measures:** Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Avoid generating and breathing in dusts. Use with local exhaust ventilation and while wearing a dust mask.

#### 8.3 Personal Protective Equipment:

GOGGLES, GLOVES, APPROVED DUST MASK.

Wear goggles and gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Used in conjunction with good industrial hygiene and always wash hands before smoking, eating, drinking or using the toilet,

### 9. PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Solid bar
Colour:	Tan
Odour:	Odourless
Size (millimetres)	157mm x 78mm x 32mm
Weight (grams)	105g
Solubility:	Insoluble
Density	0.24
Melting Point (°C):	650°C

### 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable under normal storage and use

**Conditions to Avoid:** No Data

**Hazardous Reactions:** Stable, none known.

**Incompatible Materials:** Strong Oxidising Agents

## SAFETY DATA SHEET

### 11. TOXICOLOGY INFORMATION

Synthetic calcium silicate: Target Organs: Eyes, Lungs

Temporary mechanical abrasion (itching) of skin, eyes and respiratory tract may occur upon exposure to fibres or dust during handling of this product. No further data available.

Not a known carcinogen.

### 12. ECOLOGICAL INFORMATION

Not expected to be a hazard, no data available

### 13 DISPOSAL CONSIDERATIONS

Not classified as hazardous. Commonwealth, State and Local laws governing disposal of material can differ. Ensure proper disposal compliance with the proper authority before disposal.  
Recycle where possible.

### 14. TRANSPORT INFORMATION

14.1 **Road and Rail Transport:** Not Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail

14.2 **Marine Transport:** Not Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

14.3 **Air Transport:** Not Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### 15. REGULATORY INFORMATION

**Work Health and Safety Regulation 2017** Chapter 3 Part 3.2 Division 7

Managing risks from airborne contaminants

ADG

NTC

Safework Australia

## SAFETY DATA SHEET

### 16. OTHER INFORMATION

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Gemcuts Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Gemcuts Pty Ltd at the contact details on page 1.

Gemcuts Pty Ltd responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.