



## MATERIAL SAFETY DATA SHEET

### 1. Identification of Material and Supplier

<b>Product Name</b>	<b>Ceramic Backing Bars</b>		
<b>Part Numbers</b>	<b>CBTRI, CBRD12MM, CBGR25288, CBFL25256</b>		
<b>Other Names</b>	None allocated		
<b>Recommended Use</b>	Welding aid		
<b>Supplier's Name</b>	<b>Independent Wholesale Welding Supply</b>		
<b>Address</b>	<b>Unit 2/170 Power Street, Glendenning, NSW. 2761</b>		
<b>All mail to:</b>	<b>PO Box 284 Doonside NSW 2767</b>		
<b>Telephone</b>	<b>61 2 8834 2400</b>	<b>Facsimile</b>	<b>61 2 8834 2498</b>
<b>Technical Support</b>	<b>61 2 8834 2400</b>	<b>E-mail Address <a href="mailto:iwws@iwws.net">iwws@iwws.net</a></b>	
<b>Web</b>	<a href="http://www.iwws.net">www.iwws.net</a>		

### 2. Hazards Identification

#### Hazardous Classification

This product is non-hazardous according to the criteria of the ASCC; is not a DG Substance according to the ADG Code, is not a Scheduled Poison according to the SUSDP, is not a flammable or combustible liquid according to AS 1940 and all components are listed on the AICS.

**Risk Phrases** None allocated (see also page 2)

**Safety Phrases** None allocated (see also page 3)

### 3. Composition Information on Ingredients

<b>Chemical name</b>	<b>CAS Number</b>	<b>Proportion</b>
Non-hazardous article: ceramic bars containing: Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , MgO, Aluminium foil, adhesive paper	n.d.	100%

## 4. First Aid Measures

### 4.1 Symptoms of Exposure by Route

#### Accute

- Ingested** Any amount ingested accidentally during normal handling will have little or no effect. Large amounts willfully ingested may cause stomach discomfort and may be harmful.
- Eyes** Chips or other fragments will cause minor eye irritation and should be promptly removed by flushing.
- Skin** No effects anticipated. Do not handle hot bars without welders' gloves to avoid burns.
- Inhaled** Not a realistic event. (Note that when welding appropriate inhalation protective devices including adequate ventilation must be used)

### 4.2 First Aid Instructions

- Ingested** Do not induce vomiting. Rinse mouth out with water and give two glasses 250 ml of water or milk to drink. If symptoms persist seek prompt medical assistance.
- Eyes** Hold eyelids open and flush eyes with clean water for 15 minutes. Hold eyelids open and away from eye to ensure that the inside of the lids are carefully flushed clean. If symptoms persist or corneal damage is present seek prompt medical advice.
- Skin** Remove contaminated clothing (under deluge shower if necessary). Wash affected area for 10 minutes with soap and water. Do not rub hard. Rinse well for a further 5 minutes and pat dry. If symptoms persist seek prompt medical advice.
- Inhaled** Remove patient to fresh air. Loosen tight clothing and allow to rest. Treat for shock if required. Rinse mouth and nose with water. Provide artificial respiration if breathing stops. Unless recovery is prompt seek **urgent** medical advice.
- First Aid Facilities** Provide normal industrial first aid facilities including eyewash stations and deluge showers, where appropriate, close to the area where product is in use.

### Notes to Physician (for symptoms of over-exposure to this product see above)

#### Possible symptoms of Chronic Health Effects

None known

#### Possible aggravated pre-existing conditions

None known

#### Suggested treatment for acute symptoms, known antidotes

Provide supportive care and treatment based on the patient's reactions to the exposure. For further information contact the:

**POISONS INFORMATION CENTRE 13 11 26**

## 5. Fire Fighting Measures

### 5.1 Flammability and Explosion Hazards

Product is non-flammable but is combustible and readily ignited in the same way as normal paper.

### 5.2 Hazardous Combustion Products

No data found.

### 5.3 Suitable Extinguishing Media

Use water delivered as fine spray or fog, foam or dry agents.

**Hazchem Code:** n.all.

### 5.4 Precautions for Fire Fighters and Special Equipment

Wear normal turn out uniform.

## 6. Accidental Release Measures

### 6.1 Emergency Procedures – Spills and Leaks (See Section 13 for disposal considerations)

Do not allow bars or fragments to enter drains or waterways. Sweep up and collect into suitable container. Store container in a safe area to await disposal.

## 7. Handling and Storage

### 7.1 Handling Advice

Wear suitable protective clothing. Use appropriate thermal protection when welding.

### 7.2 Storage Advice

Store in a cool, dry place.

## 8. Exposure Controls/ Personal Protection

### 8.1 Exposure Standards

An exposure standard has not been established by the ASCC for this product. Standards set for component parts are not relevant to the product as sold.

### 8.2 Engineering Control Methods

Provide local exhaust fume extractors and ventilators capable of maintaining the workplace at comfort levels consistent with any appropriate standards for welding fumes being generated.

### 8.3 Personal Protective Equipment

<b>Respiratory Protection</b>	Not required for this product. Take normal welding precautions as appropriate. If dusts are generated during handling wear good quality disposable dust mask.
<b>Eye Protection</b>	Not required for this product. Take normal welding precautions.
<b>Gloves</b>	Not usually required but if redness or soreness is experienced wear rubber gloves to AS 2161. Take normal welding precautions.
<b>Clothing</b>	Wear Tyvec or cotton coveralls fastened at the neck and wrists. Take normal welding precautions.

## 9. Physical and Chemical Properties

<b>Appearance</b>	White ceramic with paper backing	<b>Odour</b>	Odourless
<b>Melting Point</b>	1500°C	<b>Boiling Point</b>	n.d.
<b>Specific Gravity</b>	n.d		
<b>Flash Point</b>	n.d	<b>Flammability Limits</b>	n.d.
<b>Vapour Pressure</b>	n.d	<b>Vapour Density</b>	n.d
<b>Solubility (H<sub>2</sub>O)</b>	Insoluble	<b>AS1940 Class</b>	n.a
<b>Other Properties</b>	No pertinent data.		

## 10. Stability and Reactivity

Under all normal conditions of use and handling the product is stable.

## 11. Toxicological Information

No relevant data found.

## 12. Ecological Considerations

Not expected to cause environmental harm unless released in massive proportions.

## 13. Disposal Considerations

Disposal must be in accordance with local regulations for non-hazardous wastes.

## 14. Transport Information

No DG regulatory requirements apply to the transport of this product.

## 15. Regulatory Information

Labeling requirements under the ADG Code, the SUSDP or the "National Code of Practice for the Labeling of Workplace Substance" [ASCC: 2012 (1994)] do not apply to this product as sold.

## 16. Other Information

### Disclaimer

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**Original Date of Issue:** 4/12/2006      New MSDS (Version 1.) to comply with National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition NOHSC: 2011 (2003).

**Data Sources used:** in the preparation of this MSDS include: "Chempendium" and "MSDS plus Cheminfo" published in CD format by CCOHS Canada 2005 - 4. "TOMES" a CD database published by Micromedex, USA, "Hazardous Properties of Industrial Materials" Van Nostrand Rheinhold NY, USA . "List of Designated Hazardous Substances" NOHSC 10005:1999, "National Exposure Standards" NOHSC 1003:1995 . **Abbreviations used:** n.d = not determined, n.a = not applicable, n.all =not allocated, SUSDP=Standard for the Uniform Scheduling of Drugs and Poisons, ADG=Australian Dangerous Goods Code, IATA =International Air Transport Association, (Dangerous Goods Regulations), IMDG=International Maritime Dangerous Goods (Code), ASCC=Australian Safety and Compensation Council. IARC=International Agency(for) Research (of) Cancer.