

# MATERIAL SAFETY DATA SHEET

REFERENCE DOCUMENT NUMBER:

MS033

DATE : 03/11/05

**Statement of Hazardous Nature** - *Non - Hazardous*

## Company Details

Company - Calderys Australia Pty Limited  
 Address - 2 Charcoal Close, UNANDERRA, 2526, NSW, Australia.  
 Ph No. - +61 2 4272 2851  
 Emergency No. - +61 2 4272 2851

## 1. PRODUCT IDENTIFICATION

Product Name : **CASTFLO® AC 1450**

CAS Number	- None Allocated	Poison Sch.	- N/A
UN Number	- None Allocated	Packaging Group	- N/A
Dangerous Goods Class	- N/A	Label	- N/A
Hazchem	- N/A		

Use - As a Refractory Monolithic.

### • Physical Description/Properties

Appearance	- Brown Powder	Molecular Weight	- N/D
State	- Powder	Viscosity (cps)	- N/A
Boiling Range °C	- N/A	pH (1% Aqueous Soln.)	- 7 - 8
Melting Range °C	- > 1450	Solubility in Water	- insoluble
Vapour Pressure(KPa)	- N/D	Odour	- Odourless
Vapour Density (Air=1)	- N/D	Flash Point °C	- N/A
Density (g/cm <sup>3</sup> )	- 2.0 - 2.2	Flammability Limits	- N/A

### • Ingredient(s)

Chemical Entity	CAS No.	Proportion %
Calcium Aluminate	65993-16-2	<10%
Alumino - Silicate aggregate & powder	1302-93-8	> 60%
Polypropylene Fibres	N/A	<10%

Synonyms - Castable

## 2. HEALTH HAZARD INFORMATION

### • Health Effects

#### Acute

##### • Swallowed

Considered an unlikely route of entry in commercial/industrial environments.

##### • Eye

Material is irritating to eyes.

##### • Skin

Repeated or prolonged contact causes irritation.

##### • Inhaled

Prolonged exposure may be harmful.

### • First Aid

##### • Swallowed

Seek medical advice.

DO NOT induce vomiting.

Give plenty of water.

##### • Eye

If this material gets into eyes, irrigate immediately and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids.

If irritation continues contact a hospital without delay.

Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

##### • Skin

Wash affected areas with water and soap. Remove any adhering solids.

Do NOT use solvents.

Seek medical attention in the event of irritation.

##### • Inhaled

Remove victim into fresh air. If symptoms persist seek medical advice.

##### • First Aid Facilities

Eye wash unit

### • Advice to doctor.

Treat symptomatically

### 3. PRECAUTIONS FOR USE

- **Exposure standards**

None assigned

- **Ventilation**

Use in a well-ventilated area or local exhaust ventilation required general exhaust is adequate under normal operation conditions.

Local exhaust ventilation may be required in special circumstances.

If inhalation risk of overexposure exists, wear SAA approved respirator (air purifying type).

SAA approved respirator (supplied air type) may be required in special circumstances.

Correct fit is essential to ensure adequate protection.

- **Personal Protection**

- **Respiratory protection**

General exhaust is adequate under normal operating conditions.

If inhalation risk of over exposure exists, wear SAA approved respirator (air purifying type).

- **Eye**

No special equipment needed when handling small quantities.

Contact lenses may pose a special hazard, soft lenses may absorb irritants and concentrate them.

- **Skin**

Hands/feet.

No special equipment needed when handling small quantities.

Wear chemical protective gloves for prolonged contact.

Always wash hands before smoking, eating, drinking or using the toilet.

- **Other**

Work clothes should be laundered separately.

- **Flammability**

- **Fire Hazards**

N/A

- **Sources of Ignition**

None

## 4. SAFE HANDLING INFORMATION

- **Storage and Transport**

- **Container/Packaging**

Paper Bags or Bulk Bags for packaging.

- **Conditions**

Store in a cool, dry and well ventilated area.

- **Storage**

Store in original container. Keep containers securely sealed.  
Store away from incompatible materials and foodstuff container.

- **Spill and Disposal**

- **Clean Up Spills/Leaks**

Minor hazard.

Clean up all spills immediately. Bundle/collect recoverable product and place in appropriate containers for disposal.

- **Disposal**

Consult State Land Waste Management Authority for disposal.  
Bury residue in an authorised landfill.

- **Fire / Explosion Hazard**

- **Dangerous Decomposition Product**

N/A

- **Fire-fighting Recommendations**

N/A