

THERMIT SAND MOULDS

Chemwatch Material Safety Data Sheet
Issue Date: 19-Feb-2007
NC317ECP

CHEMWATCH 42022
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Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

THERMIT SAND MOULDS

SYNONYMS

"shaped moulding sand", "thermit mould"

PRODUCT USE

Used in Thermit welding processes.

SUPPLIER

Company: Thermit Australia Pty Ltd

Address:

170 Somersby Falls Road

Somersby

NSW, 2250

AUS

Telephone: +61 2 4340 4988

Emergency Tel: +61 2 4340 4988 BH

Emergency Tel: +61 2 9639 2486 AH

Fax: +61 2 4340 4004

Company: Thermit Australia Pty Ltd

Address:

PO Box 76

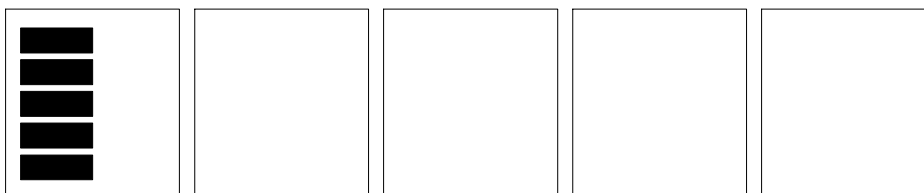
Kariong

NSW, 2250

AUS

HAZARD RATINGS

Flammability
Toxicity
Body Contact
Reactivity
Chronic



SCALE: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4

Section 2 - HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

POISONS SCHEDULE

None

RISK

None under normal operating conditions.

SAFETY

None under normal operating conditions.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
shaped foundry sand article nonhazardous		100

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Section 4 - FIRST AID MEASURES

SWALLOWED

Not applicable.

EYE

If this product comes in contact with eyes:

- Wash out immediately with water.
- If irritation continues, seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

SKIN

Not applicable.

INHALED

- If dust is inhaled, remove from contaminated area.
- Encourage patient to blow nose to ensure clear passage of breathing.
- If irritation or discomfort persists seek medical attention.

NOTES TO PHYSICIAN

Treat symptomatically.

Section 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

- There is no restriction on the type of extinguisher which may be used.

FIRE FIGHTING

Alert Fire Brigade and tell them location and nature of hazard.

- Wear breathing apparatus plus protective gloves.
 - Prevent, by any means available, spillage from entering drains or water courses.
- Use fire fighting procedures suitable for surrounding area.

FIRE/EXPLOSION HAZARD

Non combustible.

Not considered to be a significant fire risk.

FIRE INCOMPATIBILITY

Not applicable.

HAZCHEM: None

Section 6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES

MINOR SPILLS

Sweep up.

MAJOR SPILLS

Sweep up.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

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Section 7 - HANDLING AND STORAGE

PROCEDURE FOR HANDLING

- Avoid generating and breathing dust
- Avoid contact with skin and eyes.
- Wear nominated personal protective equipment when handling.
- Use in a well-ventilated area.
- Use good occupational work practices.
- Observe manufacturer's storing and handling recommendations.

SUITABLE CONTAINER

- Check that containers are clearly labelled.

STORAGE INCOMPATIBILITY

None known.

STORAGE REQUIREMENTS

- Keep dry.
- Store under cover.
- Protect containers against physical damage.
- Observe manufacturer's storing and handling recommendations.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

MATERIAL DATA

None assigned.

PERSONAL PROTECTION

EYE

- Safety glasses.
or as required
Welding goggles.

HANDS/FEET

Wear physical protective gloves, eg. leather.
Wear safety footwear.

OTHER

- Overalls.
- Eyewash unit.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required.

For further information consult site specific CHEMWATCH data (if available), or your Occupational Health and Safety Advisor.

ENGINEERING CONTROLS

None under normal operating conditions.

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Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Red coloured shaped article; insoluble in water.

PHYSICAL PROPERTIES

Does not mix with water.

Molecular Weight: Not applicable

Melting Range (°C): Not applicable

Solubility in water (g/L): Insoluble.

pH (1% solution): Not applicable.

Volatile Component (%vol): Non-volatile.

Relative Vapour Density (air=1): Not applicable.

Lower Explosive Limit (%): Not applicable

Autoignition Temp (°C): Not applicable

State: Manufactured

Boiling Range (°C): Not applicable

Specific Gravity (water =1): Not applicable

pH (as supplied): Not applicable

Vapour Pressure (kPa): Not applicable.

Evaporation Rate: Not applicable

Flash Point (°C): Not applicable

Upper Explosive Limit (%): Not applicable

Decomposition Temp (°C): Not available.

Viscosity: Not available

Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

CONDITIONS CONTRIBUTING TO INSTABILITY

Product is considered stable and hazardous polymerisation will not occur.

Section 11 - TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

Not normally a hazard due to physical form of product.

EYE

Not normally a hazard due to physical form of product.

SKIN

Not normally a hazard due to physical form of product.

INHALED

Not normally a hazard due to physical form of product.

CHRONIC HEALTH EFFECTS

Primary route of exposure is usually by skin contact.

TOXICITY AND IRRITATION

Not available.

unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances

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Section 12 - ECOLOGICAL INFORMATION

No data

Section 13 - DISPOSAL CONSIDERATIONS

- Recycle wherever possible or consult manufacturer for recycling options.
- Consult State Land Waste Management Authority for disposal.
- Bury residue in an authorised landfill.

Section 14 - TRANSPORTATION INFORMATION

HAZCHEM: None

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS:UN, IATA,
IMDG

Section 15 - REGULATORY INFORMATION

POISONS SCHEDULE: None

Section 16 - OTHER INFORMATION

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