

MATERIAL SAFETY DATA SHEET

This MSDS summarises out best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.

STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company : MBT (Australia) Pty. Limited A.C.N. 000 450 288
Address : 11 Stanton Road, Seven Hills, NSW 2147
Telephone Number : 02 - 9624 4200
Emergency Telephone Number : 0417 658 263, 0438 988 699

IDENTIFICATIONS

Product Name : **MASTERFLOW 648CP+ (B)**
Other Name : Ceilcote 648CP+ (B)
Manufacturer's Product Code : 11733
UN Number : 1760
Dangerous Goods Class : 8
Subsidiary Risk : none allocated
EPG Card : 8A1
Shipping Name : Corrosive Liquid, NOS - contains amines
Hazchem Code : 3X
Poisons Schedule : 5

USE

Major Recommended uses : Part B of a three component, high strength, temperature and flow grout.

PHYSICAL DESCRIPTION / PROPERTIES

Appearance : Clear, colourless to slight amber low viscosity liquid with ammoniacal odour.
Boiling Point (°C) : >100
Melting Point (°C) : not available
Vapour Pressure @ 25°C (Pa) : <2
Specific Gravity : 1.0 approx.
Flashpoint (°C) : >100
Flammability Limits (%) : UEL - not applicable
LEL - not applicable
Solubility in Water : Soluble

OTHER PROPERTIES

pH (1:1 mixture) : >12

INGREDIENTS

Chemical Name	CAS Number	Proportion
Modified amine adduct		100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Acute

- Swallowed : Harmful if swallowed. [Oral, Rat LD₅₀ >1000mg/kg]
- Eye : Corrosive. May cause permanent damage to the eye.
- Skin : Corrosive. Repeated / prolonged exposure may cause dermatitis or sensitisation.
- Inhaled : Harmful by inhalation. Irritant to the respiratory tract.

Chronic

- : Susceptible individuals may develop allergic reactions such as dermatitis or asthma-like symptoms on a single significant skin exposure or may become sensitised to the material on repeated contact. Corrosive to eyes and skin. May cause sensitisation by skin contact or by inhalation.

FIRST AID

- Swallowed : Do NOT induce vomiting. Wash mouth with water and seek medical attention.
- Eye : While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
- Skin : Flush contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation.
- Inhaled : Remove to fresh air. If breathing is difficult give oxygen.
- First Aid Facilities : Ensure availability of clean water for eye/skin wash.
- Advice to Doctor : Treat symptomatically.

PRECAUTIONS FOR USE

- Exposure Standards : not available
- Engineering Controls : Ventilation is recommended under normal use conditions. State regulations on speed and direction of airflow away from operators must be observed. Keep containers closed when not in use.

PERSONAL PROTECTION

- Respirator Type (AS/NZS1716) : Type A1 if ventilation is inadequate.
- Glove Type (AS2161) : Long PVC or Nitrile rubber gauntlets
- Eye Protection : Chemical worker's goggles
- Clothing : Overall
- Other : Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

FLAMMABILITY

- Fire Hazards : none
- Sources of Ignition Advice : none

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Location : Store in a cool, dry area.
Temperature Conditions : 5 to 35°C
Protection from Weather : Store undercover and away from frost and moisture.
Storage Incompatibilities : Strong oxidising agents, acids and alkalis.

SPILLS AND DISPOSAL

Clean Up Spills / Leaks : Small or major spills should be adsorbed with dry, inert filler (soil or sand) which then can be shovel into appropriately labelled drums for disposal.
Dispose - Secure Landfill : Yes
Dispose - High Temp Incinerator : Yes
State / Territory Authority : Observe all Federal, State and Local regulations.
Precautions for Clean Up Crew : Full protective clothing (as per Personal Protection above)

FIRE / EXPLOSION HAZARD

Hazard of Use / Storage : Stable under normal storage and application temperature.
List of Dangerous Decomposition or Combustion Products : Oxides of carbon and nitrogen and other possibly toxic fumes.
Types of Extinguisher : Foam, CO₂ and Dry Chemical.
Precautions : none
Protective Clothing : Full protective clothing (as per Personal Protection above)
Reactivity : none
Hazchem Code : 3X

OTHER INFORMATION

Ecology : Do not discharge into sewers unless connected to a waste water treatment plant.
R Phrase(s) : R20/21/22 Harmful by inhalation, in contact with the skin and if swallowed.
R34 Causes burns.
R43 May cause sensitisation by skin contact.
S Phrase(s) : S26 In case of contact with the eyes, rinse immediately with plenty of water and seek medical attention.
S28 After contact with skin, wash immediately with plenty of water and soap.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S51 Use only in well ventilated area.

CONTACT POINT

Title : Development Chemist
Telephone Number : 02 - 9674 6675 Technical Centre
0417 658 263, 0438 988 699 After hours

POISONS INFORMATION CENTRE

Telephone Number : 131 126