

# MATERIAL SAFETY DATA SHEET

This MSDS summarises our 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

Not 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 : **MBT EXPOSE**  
Other Name : none allocated  
Manufacturer's Product Code : 11896, 11770  
UN Number : none allocated  
Dangerous Goods Class : none allocated  
Subsidiary Risk : none allocated  
EPG Card : none allocated  
Shipping Name : none allocated  
Hazchem Code : none allocated  
Poisons Schedule : none allocated

## USE

Major Recommended uses : Water-based chemical retarder for horizontal concrete surface.

## PHYSICAL DESCRIPTION / PROPERTIES

Appearance : Clear red, low viscosity liquid  
Boiling Point (°C) : >100  
Melting Point (°C) : not available  
Vapour Pressure @ 25°C (kPa) : not available  
Specific Gravity : 1.0 approx.  
Flashpoint (°C) : not applicable  
Flammability Limits (%) : UEL - not applicable  
LEL - not applicable  
Solubility in Water : Soluble

## OTHER PROPERTIES

pH : 7

## INGREDIENTS

Chemical Name	CAS Number	Proportion
* Sugar solution		10-30%
* Non hazardous ingredients		to 100%

\* Non hazardous ingredients are exempted according to NOHSC and SUSDP Standards.

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

#### Acute

Swallowed	:	No adverse effects expected, however large amounts may cause nausea, diarrhoea and vomiting.
Eye	:	May cause slight irritation.
Skin	:	May cause slight irritation.
Inhaled	:	not applicable
Chronic	:	Not a carcinogen, mutagen or teratogen. There have been no reports in the literature of health effects in workers arising from long term exposure to this material and no comprehensive human studies have been conducted.

### 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	:	Wash contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation.
Inhaled	:	Remove to fresh air. Lay patient down and rest.
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	:	Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

### PERSONAL PROTECTION

Respirator Type (AS/NZS 1716)	:	not applicable
Glove Type (AS2161)	:	Nitrile rubber or PVC gauntlets
Eye Protection	:	Chemical worker's goggles
Clothing	:	Overalls
Other	:	Use barrier creams to protect skin from contact with the material. 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.  
Storage Incompatibilities : Strong oxidising agents, acids and alkalis.

### SPILLS AND DISPOSAL

Clean Up Spills / Leaks : Small spills flush down with plenty of water and may be into the sewer. Major spills should be contained by adsorbing with dry inert filler (soil, sand or vermiculite), which then can be shovel into appropriately labelled drums for disposal. Residual liquid should be flush down as Small spills.  
Dispose - Secure Landfill : Yes  
Dispose - High Temp Incinerator : No  
State / Territory Authority : Observe all Federal, State and Local regulations.  
Precautions for Clean Up Crew : Nitrile rubber or PVC gauntlets.

### FIRE / EXPLOSION HAZARD

Hazard of Use / Storage : Stable under normal storage and application temperature.  
List of Dangerous Decomposition or Combustion Products : Oxides of carbon.  
Types of Extinguisher : Foam, CO<sub>2</sub> and Dry Chemical.  
Precautions : none  
Protective Clothing : none  
Reactivity : none  
Hazchem Code : none allocated

## OTHER INFORMATION

Ecology : Do not discharge into sewers unless connected to a waste water treatment plant.  
R Phrase(s) : none allocated  
S Phrase(s) : none allocated

## 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