

MATERIAL SAFETY DATA SHEET

According to NOHSC: 2011 (2003) and HSNO CoP 8-1 (September 2006)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **MASTERKURE 240**

Other name: MASTERKURE 240BCP

Recommended use: Bitumen-based curing compound for concrete.

Supplier: BASF Construction Chemicals Australia Pty Ltd. BASF New Zealand Ltd.
ABN 46 000 450 288

Address: 11 Stanton Road, Seven Hills, NSW, 2147 Australia 45 William Pickering Drive, Albany, Auckland, New Zealand

Telephone number: +61 2 8811 4200 +64 9 414 7233

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2. HAZARDS IDENTIFICATION

Hazard classification: HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS
Non Dangerous goods for transport according to the ADG code
Hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and NOHSC.

Hazard Designation: Xn Harmful
Xi Irritant

HSNO Classification

6.1D	Acutely toxic (oral)
6.1E	Acutely toxic (inhalation)
6.3A	Irritating to the skin.
6.4A	Irritating to the eye.
6.9B	Harmful to human target organs or systems by inhalation or ingestion.

Risk phrase(s): R22 Harmful if swallowed
R36/37/38 Irritating to eyes, respiratory system and skin.

Safety phrase(s): S23 Do not breathe vapour/spray
S24 Avoid contact with skin
S25 Avoid contact with eyes
S38 In case of insufficient ventilation wear suitable respiratory equipment.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Bitumen base mix	Proprietary	30 - 60%
Hydrocarbon resin	68131-77-1	10 -< 30%
Hydrocarbon liquid	64742-89-7	< 10%
Non-hazardous ingredients		to 100%

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4. FIRST AID MEASURES

- Inhalation: Use in well ventilated areas. If inhalation occurs, remove victim from exposure. If difficulty breathing, administer oxygen. If breathing stopped administer artificial respiration. Seek medical attention.
- Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. Seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.
- Skin: Remove contaminated clothing. Remove excess from skin mechanically. Wash contacted areas thoroughly with soap and water. If irritation develops seek medical attention. Wash contaminated clothing before re-use.
- Ingestion: Not a normal route of injury. Do not induce vomiting; give large quantities of water; get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquids into lungs. Do NOT give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

- Suitable extinguishing media: Foam, carbon dioxide and dry chemical.
- Hazards from combustion products: Oxides of carbon and sulphur.
- Precautions/equipment for fire fighters: Wear self contained breathing apparatus under fire conditions.
- Hazchem code: None allocated.

6. ACCIDENTAL RELEASE MEASURES

- Methods and materials for containment and clean up: Caution slippery when spilt. Stop leak if possible without risk. Spills should be contained by absorbing with dry inert filler (vermiculite, sand or soil), which can then be shovelled into appropriately labelled drums for disposal. Carefully dilute with water (fine spray or fog). Wash down area with excess water into a containment area or contain with inert filler for disposal. Spills in a contained area such as a bund can be removed by a commercial bulk liquid waste disposal organisation.
- Environmental precautions: Do not allow to enter into drains, sewers or waterways.

7. HANDLING AND STORAGE

- Precautions for safe handling: Wear personal protective equipment (PPE) as per Section 8. Provide for good ventilation. Avoid inhalation of mist. Avoid skin contact.
- Conditions for safe storage: Store undercover in cool dry conditions away from heat and frost. Keep containers tightly closed. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Ventilation: Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.
- Exposure Standards: Not available.
- Personal Protective Equipment (PPE):
- Respiratory protection: Type A1 if ventilation is inadequate.
- Glove type (AS2161): Impervious gloves e.g. PVC or nitrile rubber gauntlets.

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<u>Eye protection:</u>	Chemical worker's goggles, well fitting safety glasses or full face shield.
<u>Clothing:</u>	No special clothing required but overalls or other suitable industrial clothing which provides full skin coverage are suggested as a general precaution, especially where heavy contamination is likely.
<u>Other:</u>	Use barrier creams to protect skin from contact with the material. Do not eat drink or smoke while working 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance:</u>	Black, free flowing, homogenous liquid.
<u>Odour:</u>	Bituminous.
<u>pH:</u>	Not available
<u>Explosion Limit:</u>	Not available.
<u>Solubility in water:</u>	Miscible.
<u>Specific gravity:</u>	Approx 1.00 (20 °C)
<u>Flash point:</u>	Not available.
<u>Boiling Point:</u>	> 100 °C

10. STABILITY AND REACTIVITY

<u>Chemical stability:</u>	Normally stable when stored in original sealed containers in cool dry conditions. Not sensitive to mechanical impact.
<u>Incompatible materials:</u>	Strong oxidising agents, acids and alkalis
<u>Hazardous decomposition products:</u>	May evolve toxic gases if heated to decomposition.
<u>Hazardous reactions:</u>	None known.

11. TOXICOLOGICAL INFORMATION

<u>Health Hazard Summary:</u>	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. Hence it is imperative that all forms of exposure be kept to an absolute minimum.
<u>Inhalation:</u>	Causes irritation to mucous membrane and respiratory tract. Large doses may cause drowsiness and may lead to unconsciousness.
<u>Eyes:</u>	Causes eye irritation and redness
<u>Skin contact:</u>	Causes skin irritation on repeated or prolonged contact.
<u>Ingestion:</u>	Causes irritation to mouth, throat and digestive tract
<u>Toxicity Data:</u>	Not available.

12. ECOLOGICAL INFORMATION

<u>Ecology:</u>	Do not discharge into drains, sewers or waterways. Degradability not determined.
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13. DISPOSAL CONSIDERATIONS

<u>Disposal method and containers:</u>	Ensure containers are sealed. Avoid mist generation. Dispose of to an approved land fill site. Refer to local Waste Management Authority.
<u>Special precautions (landfill/incineration):</u>	None known

14. TRANSPORT INFORMATION

<u>UN number:</u>	None allocated
<u>Proper shipping name:</u>	None allocated.
<u>Dangerous goods class:</u>	None allocated
<u>Subsidiary risk:</u>	None allocated
<u>Packing group:</u>	None allocated
<u>Hazchem code:</u>	None allocated

15. REGULATORY INFORMATION

NICNAS / AICS:	All components are listed
Poisons Schedule:	5
HSNO Classifications:	6.1D, 6.1E, 6.3A, 6.4A, 6.9B
ERMA Group Standard:	HSR002670
ERMA / NZIoC:	All components are listed
Tracking:	Not required
Approved Handler:	Not required

16. OTHER INFORMATION

Reason for issue: Update to combined Australia and New Zealand MSDS.

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.