

MATERIAL SAFETY DATA SHEET

According to NOHSC: 2011 (2003)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **MASTERFLEX 801 (Component B)**

Other name:

Product code: 57589681

Recommended use: Injection material for waterproofing of building structures

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

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

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

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Emergency telephone number: 0417 658 263

2. HAZARDS IDENTIFICATION

Hazard classification: HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS
Hazardous substance according to the criteria of NOHSC
Non Dangerous goods for transport according to the ADG code

Hazard Designation: Xn
Irritation is possible after contact with skin and eyes.

Risk phrase(s): 22; 38; 41; 48/22

Safety phrase(s): S24, S26, S27

See Section 15 for full R & S descriptions.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Information on ingredients: Aqueous preparation on the basis of specific amines.

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Diethanolamine (R22; R38; R41; R48/22) (Xn)	111-42-2	<5%
Non hazardous ingredients		to 100%

All ingredients listed on AICS.

4. FIRST AID MEASURES

Inhalation: Use in well ventilated areas. If inhalation does occur, remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer EAR. 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.

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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, powder, Carbon Dioxide (CO₂), water spray or fog.
Do not use water jet.

Hazards from combustion products: Toxic and irritant burnt gases can form in case of fire; polymerisation possible.

Precautions and equipment for fire fighters: As for surrounding fire. Wear self-contained breathing apparatus in case of fire. Follow the standard safety measures for handling chemicals in case of fire.

Hazchem code: None allocated.

6. ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and clean up: Dam up released material if quantities are high.
Spills should be collected and removed mechanically. Remainder can be contained by absorbing with dry inert filler (vermiculite, sand or soil), which can then be shovelled into appropriately labelled drums.
Disposal should be effected by an approved waste disposal organisation according to local regulations.

Environmental precautions: Do not allow to enter drains, sewers, water courses and soil; dam up released material if quantities are high.

7. HANDLING AND STORAGE

Precautions for safe handling: Wear personal protective equipment (PPE) as per Section 8.
Provide for good ventilation. Avoid inhalation of fumes. Avoid skin contact.
Protect from sources of ignition; protect from heat.

Conditions for safe storage: Keep containers tightly closed. Storage together with inert gas is not allowed.
Protect from direct sunlight, sources of ignition and heat. Store under cool conditions, but protect from frost; recommended storage temperature <25°C.
Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: Ensure adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Exposure Standards Occupational exposure limits (Germany):

<u>CAS-No.</u>	<u>Name of substance</u>	<u>Type</u>	<u>Value</u>	<u>Unit</u>
102-71-8	Triethanolamine	MAK	5	mg/m ³
111-42-2	Diethanolamine	MAK	15	mg/m ³

Personal Protective Equipment (PPE):

Respiratory protection: Provide for good ventilation.

Glove type (AS2161): Impervious gloves e.g. PVC or nitrile rubber gauntlets.

Eye protection: Chemical worker's goggles, well fitting safety glasses or full face shield.

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Clothing: No special clothing required but suitable industrial clothing providing full skin coverage are suggested as a general precaution, especially where heavy contamination is likely.

Other: 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

Appearance: yellow-orange transparent liquid

Odour: Characteristic

pH: Approx. 11.0 @ 20°C

Explosion Limit: Not applicable

Solubility in water: Miscible

Specific gravity: Approx. 1.0 gm/ml @ 20°C

Melting point: Not applicable

Flash point: Non flammable

10. STABILITY AND REACTIVITY

Chemical stability: Normally stable when stored in original sealed containers in cool dry conditions. Not sensitive to mechanical impact.

Incompatible materials: Mixing with acids, inorganic acid chlorides and treatment with nitrous acids.

Hazardous decomposition products: Exothermic reaction with acid. Mixing with inorganic acid chlorides develops poisonous gases/vapours.

Hazardous reactions: Exothermic reaction with acid. Mixing with inorganic acid chlorides develops poisonous gases/vapours.

11. TOXICOLOGICAL INFORMATION

Inhalation: Irritation of respiratory system is possible after formation of breathable aerosols.

Eyes: Irritation is possible after contact with eyes.

Skin contact: Irritation is possible after contact with skin. Sensitisation possible after skin contact.

Ingestion: Danger of serious damage to health by prolonged exposure if swallowed

Toxicity Data: Not available

12. ECOLOGICAL INFORMATION

Ecology: Do not discharge into drains, sewers or waterways.

Degradability not determined.

13. DISPOSAL CONSIDERATIONS

Disposal method and containers: Ensure containers are sealed. Avoid mist generation. Dispose of to an approved land fill site. Refer to Waste Management Authority.

Special precautions for landfill or incineration: None known

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14. TRANSPORT INFORMATION

<u>UN number:</u>	None allocated
<u>UN proper shipping name:</u>	None allocated.
<u>Dangerous goods class:</u>	None allocated
<u>Subsidiary risk:</u>	None allocated
<u>EPG card:</u>	None allocated
<u>Packing group:</u>	None allocated
<u>Hazchem code:</u>	None allocated
<u>Poisons schedule:</u>	None allocated

15. REGULATORY INFORMATION

<u>Hazard Designation</u>	Xn	Harmful
<u>Risk phrase(s):</u>	R22	Harmful if swallowed
	R38	Irritating to skin.
	R41	Risk of serious damage to eyes.
	R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
<u>Safety phrase(s):</u>	S24	Avoid contact with skin
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S27	Wear suitable gloves

16. OTHER INFORMATION

Reason for issue: Change of name due to new master branding policy.

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.