

# MATERIAL SAFETY DATA SHEET

According to NOHSC: 2011 (2003)

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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

**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

**Facsimile:** +61 2 8811 3299 +64 9 414 7244

**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:** Xi Irritant  
Irritating to eyes and skin; may cause sensitisation by skin contact.

**Risk phrase(s):** R36/38; R43

**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 a specific methacrylate

<b><u>Chemical Name</u></b>	<b><u>CAS Number</u></b>	<b><u>Proportion</u></b>
Glycolmethacrylate (R36/38; R43) (Xi)	868-77-9	>20%
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.

# MATERIAL SAFETY DATA SHEET

According to NOHSC: 2011 (2003)

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 (CO<sub>2</sub>), 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 Not applicable

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.

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**

<u>Appearance:</u>	White liquid
<u>Odour:</u>	Characteristic
<u>pH:</u>	Approx. 6.0 @ 20°C
<u>Explosion Limit:</u>	Not applicable
<u>Solubility in water:</u>	Miscible
<u>Specific gravity:</u>	Approx. 1.1 gm/ml @ 20°C
<u>Melting point:</u>	Not applicable
<u>Flash point:</u>	Non flammable

**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>	Protect from heat, sources of ignition; protect from contact with peroxides, oxidation agents, strong acids and lyes and other chemicals.
<u>Hazardous decomposition products:</u>	Polymerisation possible; toxic and irritant burnt gases can form in case of fire.
<u>Hazardous reactions:</u>	Exothermic reaction with acids, possible release of CO <sub>2</sub> .

**11. TOXICOLOGICAL INFORMATION**

<u>Inhalation:</u>	Not available
<u>Eyes:</u>	Irritant
<u>Skin contact:</u>	Irritant. Sensitisation possible after skin contact.
<u>Ingestion:</u>	Not available
<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 Waste Management Authority.
<u>Special precautions for landfill or incineration:</u>	None known

**14. TRANSPORT INFORMATION**

<u>UN number:</u>	None allocated
<u>UN proper shipping name:</u>	None allocated.
<u>Dangerous goods class:</u>	None allocated

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<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>	Xi	Irritant
<u>Risk phrase(s):</u>	R36/38	Irritating to eyes and skin
	R43	May cause sensitisation by skin contact
<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: Update according to BBZ MSDS Issue 1 dated 28-07-2003.

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.