



The Chemical Company

# 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: **MASTERTOP CP 687 W-AS, PART B**

Other name: None allocated

Recommended use: Part B of a two-component, aqueous epoxy conductive primer.

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

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

Emergency telephone number: 0417 658 263

## 2. HAZARDS IDENTIFICATION

Hazard classification: HAZARDOUS SUBSTANCE. DANGEROUS GOODS  
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: Xi Irritant  
Flammable  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May cause sensitisation by skin contact. Risk of serious damage to eyes.

HSNO Classification 6.5B Contact sensitiser  
8.3A Corrosive to ocular tissue  
9.1B Very ecotoxic in the aquatic environment

Risk phrase(s): R10 Flammable  
R41 Risk of serious damage to eyes  
R43 May cause sensitisation by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrase(s): S2 Keep out of the reach of children  
S24/25 Avoid contact with skin and eyes  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S35 This material and its container must be disposed of in a safe way  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S46 If swallowed, seek medical advice immediately and show this container or label  
S51 Use only in well-ventilated areas

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation:** Modified cycloaliphatic polyamine mixture

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Aliphatic polyamine	Not available	10 - <30%
Propan-2-ol	67-63-0	10 - <30%
Polyaminoamide	Not available	<10%
Non hazardous ingredients		To 100%

## 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. DO NOT use solvents or thinners. 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: Alcohol resistant foam, carbon dioxide (CO<sub>2</sub>), Dry chemical and water spray. Do not use water jet.

Hazards from combustion products: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Precautions for fire fighters: Appropriate breathing apparatus may be required. Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

Hazchem code: 3[Y]

## 6. ACCIDENTAL RELEASE MEASURES

Methods & materials for containment & clean up: Remove ignition sources. Provide for sufficient ventilation. Do not inhale the vapour. Refer to protective measures listed in sections 7 and 8. Spills should be collected and removed mechanically. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth which can then be shovelled into appropriately labelled containers for disposal according to local regulations. Disposal should be effected by an approved waste disposal organisation according to local regulations.

Environmental precautions: Do not allow to enter into drains, sewers or waterways. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

## 7. HANDLING AND STORAGE

Precautions for safe handling: Wear personal protective equipment (PPE) as per Section 8. Provide for good ventilation. Prevent the creation of flammable or explosive concentrations of vapour in

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air and avoid vapour concentrations higher than the OEL (Occupational Exposure Limit). Additionally the product should only be used in areas from which all-naked lights and other sources of ignition have been excluded. Avoid contact with skin and eyes. Do not inhale the vapour. Do not smoke, eat or drink during work. Comply with health and safety laws. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

Conditions for safe storage:

Keep containers tightly closed; store under cool dry conditions. Keep out of reach of children. Containers, which are opened, must be carefully resealed and kept upright to prevent leakages. Keep away from oxidising agents, from strongly alkaline and strongly acid materials. Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep away from ignition sources – no smoking.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of vapours or particles below the OEL (Occupational Exposure Limit), suitable respiratory protection must be worn.

Exposure Standards

Propan-2-ol; CAS No.: 67-63-0

Specification: TRGS 900 – maximum limit in the atmosphere at the workplace (D)

Value: 200 ppm 500 mg/m<sup>3</sup>

Category: 4

Remarks: Y

Version date: 01-05-2004

Specification: TRGS 903 – biological workplace tolerance values (D)]

Parameter: Acetone / whole blood / end of exposure or shift

Value: 50 mg/L

Version date: 31-03-2004

Specification: TRGS 903 – biological workplace tolerance values (D)

Parameter: Acetone / urine / end of exposure or shift

Value: 50 mg/L

Version date: 31-03-2004

Personal Protective Equipment (PPE):

Respiratory protection:

If workplace limits are exceeded, a respirator approved for this purpose must be worn.

Glove type (AS2161):

Impervious gloves e.g. butyl or nitrile rubber gloves. After washing hands replace lost skin fat by fat containing skin creams. By using other gloves with a lower endurance, change them more often.

Eye protection:

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

Clothing:

Personal should wear antistatic clothing made of natural fibre or of high temperature resistant synthetic fibre which provides full skin coverage especially where heavy contamination is likely. All parts of the body should be washed after contact. Wash contaminated clothing before re-use.

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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance:</u>	Black paste
<u>Odour:</u>	Characteristic
<u>pH:</u>	11.5
<u>Solvent-separation test:</u>	3% (20 °C)
<u>Solubility in water:</u>	Insoluble.
<u>Specific gravity:</u>	Approx. 1.05 g/cm <sup>3</sup> (20 °C)
<u>Viscosity:</u>	Thixotropic
<u>Flash point:</u>	Approx. 32 °C (DIN 53213)
<u>Explosion Limit:</u>	Upper explosion limit (UEL) 12% by volume Lower explosion limit (LEL) 2% by volume

## 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>	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. Exothermic reactions with isocyanates and epoxide resin.
<u>Hazardous decomposition products:</u>	Corrosive gases/vapours. Ammonia When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke and oxides of nitrogen.
<u>Hazardous reactions:</u>	Hazardous polymerisation will not occur.

## 11. TOXICOLOGICAL INFORMATION

<u>Health Hazard Summary:</u>	Inhalation/eye contact: in high concentrations irritating to the mucous membranes, narcotic effect and influence on power of reaction and loss of coordination possible. Prolonged inhalation of vapours in high concentrations may lead to headache, giddiness and nausea. In case of contact with the product; danger of resorption through the skin, irritation of skin/mucous membranes.
<u>Inhalation:</u>	Irritant. May cause headache, giddiness and nausea.
<u>Eyes:</u>	Irritant. Corrosive to ocular tissue. Risk of serious damage to eyes.
<u>Skin contact:</u>	Irritant. May cause sensitisation by skin contact
<u>Ingestion:</u>	No data available.
<u>Toxicity Data:</u>	The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

## 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>	Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.
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Special precautions                      None known  
(landfill/incineration):

## 14. TRANSPORT INFORMATION

UN number:                              1263  
Proper shipping name:                PAINT  
Dangerous goods class:              3  
Subsidiary risk:                        None allocated  
Packing group:                        III  
Hazchem code:                        3[Y]

## 15. REGULATORY INFORMATION

NICNAS / AICS:                            All components are listed  
Poisons Schedule:                        Not Scheduled  
HSNO Classifications:                    6.5B; 8.3A; 9.1B  
ERMA Group Standard:                 HSR002662  
ERMA / NZIoC:                            All components are listed  
Tracking:                                    Not required  
Approved Handler:                        Not required

## 16. OTHER INFORMATION

Reason for issue:

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.