

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: **EMACO 168 PRIMER**

Other name: Barra Emulsion AC

Recommended use: Bonding agent for mortars and screeds.

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

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: +61 417 658 263

2. HAZARDS IDENTIFICATION

Hazard classification: NON-HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS
Non Dangerous goods for transport according to the ADG code.
Not hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001

Hazard Designation: None allocated

HSNO Classification None allocated

Risk phrase(s): None allocated

Safety phrase(s): None allocated

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Acrylic polymer	Proprietary	10 - 30%
All ingredients determined not to be hazardous		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. If irritation persists or recurs, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin: Remove contaminated clothing, including shoes. Wash contacted area thoroughly with soap and plenty of water. If irritation persists, seek medical attention.

Ingestion: If swallowed, Do NOT induce vomiting. Wash mouth with water and give plenty of water to drink if patient conscious. Do NOT give anything by mouth to an unconscious person or who is convulsing. Seek medical attention immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquids into lungs.
Advice to Doctor: Treat symptomatically.

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5. FIRE FIGHTING MEASURES

<u>Suitable extinguishing media:</u>	Foam, CO ₂ and Dry Chemical.
<u>Hazards from combustion products:</u>	Oxides of carbon and nitrogen and styrene vapour.
<u>Precautions for fire fighters:</u>	Wear self-contained breathing apparatus and full protective gear.
<u>Hazchem code:</u>	None allocated

6. ACCIDENTAL RELEASE MEASURES

<u>Methods / materials for containment / clean up:</u>	Large spills should be contained and absorbed with sand, earth, vermiculite or other absorbent material. Shovel into solid waste disposal container and transport to approved landfill.
<u>Environmental precautions:</u>	Do not contaminate streams, rivers or water courses. Do not flush down drains and sewers. Inform local authority if liquid enters drains, sewers, streams, etc.

7. HANDLING AND STORAGE

<u>Precautions for safe handling:</u>	No special precautions.
<u>Conditions for safe storage:</u>	Keep containers tightly closed; store under cool dry conditions. Store away from frost. Product may coagulate or flocculate if mixed with salt solutions or organic solvents. Contact with mild steel, copper, aluminium and other heavy metals may reduce storage stability and performance.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Engineering Controls:</u>	Ensure adequate ventilation. Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.
<u>Exposure Standards</u>	None applicable for this product.
<u>Personal Protective Equipment (PPE):</u>	
<u>Respiratory protection:</u>	Class P1 if sprayed or ventilation is inadequate.
<u>Glove type (AS2161):</u>	Nitrile rubber or PVC gauntlets.
<u>Eye protection:</u>	Chemical goggles or safety glasses with side shields.
<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>	White, low viscosity emulsion
<u>Odour:</u>	Characteristic
<u>pH:</u>	> 7

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<u>Flash point:</u>	Not applicable
<u>Solubility in water:</u>	Completely miscible
<u>Specific gravity:</u>	1.01 – 1.05 g/cm ³
<u>Melting point:</u>	Not applicable
<u>Flash point:</u>	Not applicable
<u>Boiling point:</u>	approx. 100°C

10. STABILITY AND REACTIVITY

<u>Chemical stability:</u>	Stable under normal storage and prolonged exposure.
<u>Incompatible materials:</u>	Strong acids and oxidising agents.
<u>Hazardous decomposition products:</u>	Thermal decomposition may yield acrylic monomers, carbon monoxide, carbon dioxide.
<u>Hazardous reactions:</u>	Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

<u>Health Hazard Summary:</u>	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
<u>Inhalation:</u>	May cause respiratory irritation if spray mists are inhaled.
<u>Eyes:</u>	May be an eye irritant. May cause eye damage after prolonged exposure.
<u>Skin contact:</u>	May cause skin irritation. Repeated or prolonged skin contact may cause dermatitis in susceptible individuals.
<u>Ingestion:</u>	No adverse effects expected. However, large amounts ingested may coagulate and block intestinal 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. Dispose of material through a licensed waste contractor. Refer to Waste Management Authority.
<u>Special precautions (landfill/incineration):</u>	Normally suitable for disposal at approved land waste site.

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



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15. REGULATORY INFORMATION

NICNAS / AICS:	All components are listed
Poisons Schedule:	Not Scheduled
HSNO Classifications:	None allocated
ERMA Group Standard:	None allocated
ERMA / NZIoC:	All components are listed
Tracking:	Not required
Approved Handler:	Not required

16. OTHER INFORMATION

Reason for issue: Correct ingredient percentage. 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.