

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **EMACO 157 PRIMER**

Other name: Barra Emulsion 57

Recommended use: Bonding agent for mortars and screeds.

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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Emergency telephone number: +61 417 658 263

2. HAZARDS IDENTIFICATION

Hazard classification: NON-HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS
Not hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001

Hazard Designation: None allocated

HSNO Classification: None

Risk phrase(s): None

Safety phrase(s): None

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Styrene-butadiene copolymer	Proprietary	> 60%
Sodium hydroxide	1310-73-2	≤ 0.2%
Styrene	100-42-5	≤ 0.1%
All ingredients determined not to be hazardous		to 100%

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. Consult a doctor if discomfort persists.

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: Not a normal route of injury. Do not induce vomiting. Wash mouth with water and give plenty of water to drink. Seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, CO₂ and Dry Chemical.

MATERIAL SAFETY DATA SHEET

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

<u>Hazards from combustion products:</u>	Oxides of carbon and nitrogen and styrene vapour.
<u>Precautions and equipment 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 and materials for containment and 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>	> 10
<u>Explosion Limit:</u>	Not applicable
<u>Solubility in water:</u>	Completely miscible
<u>Specific gravity:</u>	1.01 – 1.07 g/cm ³
<u>Melting point:</u>	Not applicable
<u>Flash point:</u>	Not applicable

Boiling point: approx. 100°C

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal storage and prolonged exposure.
Incompatible materials: Strong acids and oxidising agents.
Hazardous decomposition products: Carbon monoxide, carbon dioxide and styrene gases / vapours.
Hazardous reactions: Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary: Styrene is classified as "possibly carcinogenic to humans" by the International Agency for research on Cancer (IARC). There should, however, be minimal risk due to the very low levels of residual styrene in this product.
Inhalation: May cause respiratory irritation if spray mists are inhaled.
Eyes: May be an eye irritant. May cause eye damage after prolonged exposure.
Skin contact: May cause skin irritation. Repeated or prolonged skin contact may cause dermatitis in susceptible individuals.
Ingestion: No adverse effects expected. However, large amounts ingested may coagulate and block intestinal tract.
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. Dispose of material through a licensed waste contractor. Refer to Waste Management Authority.
Special precautions (landfill/incineration): Normally suitable for disposal at approved land waste site.

14. TRANSPORT INFORMATION

UN number: None allocated
UN proper shipping name: None allocated
Dangerous goods class: None allocated
Subsidiary risk: None allocated
Packing group: None allocated
Hazchem code: None allocated

15. REGULATORY INFORMATION

NICNAS / AICS: All components are listed
Poisons Schedule: Not Scheduled
HSNO Classifications: None allocated
ERMA Group Standard: None allocated

MATERIAL SAFETY DATA SHEET

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

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.