



The Chemical Company

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **BARRA® 80 PART B**

Company: BASF Construction Chemicals Malaysia Sdn Bhd
Address: No 8, Jalan Keluli 2,
Kawasan Perindustrian Bukit Raja,
41050 Klang, Selangor
Malaysia

Telephone number: +603 3344 3388
Facsimile: +603 3344 2288

Emergency telephone numbers: +603 3344 3388

2. HAZARDS IDENTIFICATION

Safety hazards: Not identified.

Health hazards: Dust from dry product can cause irritation if breathed. When wet the product is highly alkaline causing skin irritation, dermatitis or burns with prolonged exposure.

Environmental hazards: Product shall not be discharged into drains and sewers.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixture of modified cement and fillers.

Hazardous Ingredients: n.as.

CAS No: n.as.

Hazard symbols: n.as.

R-phrases: n.as.

% Concentration: n.as.

4. FIRST AID MEASURES

Immediate treatment

Eye contact: Flush with water for at least 15 minutes. Seek immediate medical advice

Skin contact: Wash with soap and water.

Inhalation: n.a.

Ingestion: If swallowed, DO NOT induce vomiting. Give water. Call immediate medical help.

Information for physicians: Product is mixed with aqueous based product when used. When wet, a strong solution of caustic soda is produced.

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5. FIRE FIGHTING MEASURES

Special hazards: None.
Protective equipment: n.a.
Extinguishing agents: Product is non-combustible.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eye protection and skin protection required.
Environmental precautions: Do not discharge into drains and sewers. Precautions the same as for cement.
Method for cleaning up: Collect and dispose as given in 13.

7. HANDLING AND STORAGE

Handling: Minimise dust generation.
Requirements for storage rooms: Keep dry.
Materials not to be stored together: n.a.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection

Respiratory protection: Wear dust mask.
Eye protection: Wear safety glasses.
Hand protection: Wear gloves or suitable barrier cream recommended.
Body protection: Protective industrial clothing recommended.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Dry powder
Colour:	Grey
Odour:	None
Freezing temperature:	n.a.
Boiling point:	n.a.
Melting point:	n.a.
Flash point:	n.a. (dry solid)
P1:	n.a.
EPL (in):	n.a.
Vapour pressure:	n.a.
Vapour density:	n.a.
Relative density:	n.d.
Solubility:	n.a.
pH value:	n.a. to dry product. pH >12 when mixed with water
Partition coefficient:	n.a.
Viscosity:	n.a.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal storage conditions.
Hazardous reactions (conditions to avoid):	Dust generation when handling dry powder. Highly alkaline when mixed with water.
Materials to avoid:	n.a.
Hazardous decomposition products:	None

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11. TOXICOLOGICAL INFORMATION

Acute toxicity (lethal dose)

LD50 oral Albino rat

Dose: n.d.
Additional information: n.d.
Information applies to: Barra 80 Part B

LC50 inhalation Albino rat

Dose: n.d.
Additional information: n.d.
Information applies to: Barra 80 Part B

Acute toxicity (irritation, sensitization etc.)

Eye irritation Albino rabbit

Result: n.d.
Symptoms: n.d.
Method: n.a.

Skin irritation Albino rabbit

Results: n.d.
Symptoms: n.d.
Method: n.a.

Delayed or chronic toxicological effects

Additional information: n.d.

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12. ECOLOGICAL INFORMATION

Ecotoxicity

LC50 dose: n.d.

Additional information

Ecotoxicity: n.d.

Biochemical oxygen demand

COD: n.d.

BOD: n.d.

Other: n.a.

13. DISPOSAL CONSIDERATIONS

Follow all local, state or government regulations concerning health and pollution for appropriate disposal procedures.

14. TRANSPORT INFORMATION

Product is not classed as dangerous goods in any transport regulation.

Road transport ADR / RID

Class: n.as.

Number/letter: n.as.

Warning sign: n.as.

Hazard No: n.as.

UN No: n.as.

Maritime / Air transport IMDG

UN No: n.as.

PG: n.as.

Class: n.as.

IMDG code page: n.as.

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15. REGULATORY INFORMATION

Classification: Non-hazardous.
Hazard labels: None required.
R-phrases: n.as.
S-phrases: n.as.

National regulatory information:

Other regulations, restrictions and prohibitions:

n.a.

16. OTHER INFORMATION

Barra 80 Part B is part of a two-component system.

Reason for Issue: New format based on National Code of Practice for the preparation of MSDS – 2nd edition [NOHSC:2011(2003)]. Change of company name.

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.