

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **MASTERSEAL<sup>®</sup> 160** (Barracryl D)

Company: BASF South East Asia Pte Ltd

Address: 33 Tuas Avenue 11

Singapore 639090

Telephone number: +65 6861 6766

Facsimile: +65 6861 3186

Emergency telephone numbers: +65 6861 6766

### 2. HAZARDS IDENTIFICATION

Safety hazards: n.as.

Health hazards: Irritating to mouth and digestive tract and to the eyes. Mildly irritating to the skin and long term exposure may cause contact dermatitis. If inhaled the vapour and mists are mildly irritating to the upper respiratory tract.

Environmental hazards: See Section 12.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical  
characterization: Acrylic Emulsion with inert pigments

Hazardous Ingredients: n.a.

CAS No: n.a.

Hazard symbols: n.a.

R-phrases: n.a.

% Concentration: n.a.

### 4. FIRST AID MEASURES

#### Immediate treatment

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

Skin contact: Wash with soap and water.

Inhalation: Remove to fresh air, apply artificial respiration if necessary. No problems anticipated at normal temperatures.

Ingestion: Give a glass of water and seek immediate medical advice.

Information for physicians:

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### 5. FIRE FIGHTING MEASURES

Special hazards: None.  
Protective equipment: Eye protection required.  
Extinguishing agents: Product is non-combustible. For residual solids, use water spray, carbon dioxide, dry chemical or universal type foams.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eye protection and skin protection required.  
Environmental precautions: May be flushed down sewers if local regulations permit.  
Method for cleaning up: Wash down with water.

### 7. HANDLING AND STORAGE

Handling: n.a.  
Requirements for storage rooms: Keep containers closed. Protect containers fully against frost, damp and extremes of temperature.  
Materials not to be stored together: n.a.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Personal protection

Respiratory protection: Use with good ventilation.  
Eye protection: Wear safety glasses.  
Hand protection: Protective gloves or suitable barrier cream recommended.  
Body protection: Protective industrial clothing recommended.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Grey
Odour:	Mild, slight ammonical odour
Freezing temperature:	n.d.
Boiling point:	of solvent 100°C
Melting point:	n.a.
Flash point:	n.a. (aqueous)
P1:	n.a.
EPL (in):	n.a.
Vapour pressure:	n.a.
Vapour density:	n.a.
Relative density:	1.37 kgm <sup>-3</sup>
Solubility:	Dilutable in water
pH value:	>8%
Partition coefficient:	n.a.
Viscosity:	n.d.

### 10. STABILITY AND REACTIVITY

Stability:	Stable under ambient conditions.
Hazardous reactions (conditions to avoid):	Avoid extreme temperatures.
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: MASTERSEAL 160 (Barracryl D)

##### LC50 inhalation Albino rat

Dose: n.d.  
Additional information: n.d.  
Information applies to: MASTERSEAL 160 (Barracryl D)

#### 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

Dispose in approved method for industrial waste in accordance with local legislation requirements.

### 14. TRANSPORT INFORMATION

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

#### Road transport ADR / RID

Class: n.a.

Number/letter: n.a.

Warning sign: n.a.

Hazard No: n.a.

UN No: n.a.

#### Maritime / Air transport IMDG

UN No: n.a.

PG: n.a.

Class: n.a.

IMDG code page: n.a.

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### 15. REGULATORY INFORMATION

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

**National regulatory information:**

**Other regulations, restrictions and prohibitions:**

n.a.

### 16. OTHER INFORMATION

Reason for Issue: New format based on National Code of Practice for the preparation of MSDS – 2<sup>nd</sup> 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.