

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **MASTERSEAL 150**  
Other name: Barracryl Elastic  
Product code: Various  
Recommended use: One-component water-based protective and elastic coating

Company: BASF Construction Chemicals Australia Pty Ltd.  
ABN: 46 000 450 288  
Address: 11 Stanton Road,  
Seven Hills, NSW, 2147  
Australia  
Telephone number: +61 2 8811 4200  
Facsimile: +61 2 8811 3299

Company: BASF Construction Chemicals New Zealand Ltd.  
Address: 45 William Pickering Drive,  
Albany, Auckland,  
New Zealand  
Telephone number: +64 9 414 7233  
Facsimile: +64 9 414 7244

Emergency telephone number: 0417 658 263,

## 2. HAZARDS IDENTIFICATION

Hazard classification: Hazardous according to criteria of NOHSC

Risk phrase(s): R 33 - Danger of cumulative effects.\*  
R 52 - Harmful to aquatic organisms.  
\* (limited evidence)

Safety phrase(s): S 23 - Do not breathe gas/fumes/vapour/spray.  
S 24 - Avoid contact with skin.  
S 26 - In case of contact with eyes, rinse with plenty of water and contact doctor or Poisons Information centre.  
S 35 - This material and its container must be disposed of in a safe way.  
S 39 - Wear eye/face protection.  
S 40 - To clean the floor and all objects contaminated by this material, use water.  
S 57 - Use appropriate container to avoid environment contamination.  
S 61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### INGREDIENTS

Chemical Name	CAS Number	Proportion
Styrene acrylic emulsion		30 - 60%

BASF Material Safety Data Sheet according to NOHSC: 2011 (2003)

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Titanium dioxide	13463-67-7	10 - 30%
Calcium carbonate	471-34-1	10 - 30%
White spirit	8052-41-3	< 10%
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	25265-77-4	< 10%
Isothiazolines		< 10%
Ammonium hydroxide	1336-21-6	< 10%
Additives		< 10%
May contain residuals of styrene	100-42-5	
Non-hazardous ingredients		to 100%

### 4. FIRST AID MEASURES

Ingestion:	Immediately give a glass of water. First aid is generally not required. If in doubt seek medical advice.
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:	Immediately remove all contaminated clothing, including footwear. Wash contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation.
Inhalation:	Remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital or doctor.

### 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	There is no restriction on type of extinguisher used. Use extinguishing media suitable for surrounding area.
Hazards from combustion products:	Decomposes on heating and may produce toxic fumes of carbon monoxide. May emit acrid smoke.
Precautions and equipment for fire fighters:	Wear self-contained breathing apparatus and full protective gear.
Hazchem code:	None allocated

### 6. ACCIDENTAL RELEASE MEASURES

Precautions for clean up crew:	Nitrile rubber or PVC gauntlets
Clean up spills / leaks:	Prevent spillage from entering drains or waterways. Contain spill with sand, earth or vermiculite. Collect recoverable product into labelled containers for recycling. Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal. Keep spills and cleaning runoffs out of municipal sewers and waterways. If contamination of drains or waterways occurs, advise emergency services.

### 7. HANDLING AND STORAGE

#### Conditions for safe storage

Location: Store in a cool, dry, well-ventilated area.

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Temperature conditions: 5 to 35°C.  
Protection from weather: Do not allow to freeze.  
Storage incompatibilities: Strong oxidising agents, acids and alkalis.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards: Not available for Barracryl Elastic  
Engineering controls: Natural ventilation should be adequate under normal use conditions.  
Keep containers closed when not in use.  
Respirator type (AS/NZS 1716): Type P1 if sprayed or ventilation inadequate.  
Glove type (AS2161): Nitrile rubber or PVC gauntlets  
Eye protection: Chemical worker's goggles.  
Clothing: Overalls  
Other: Use barrier creams to protect skin from contact with the material. 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

Appearance: Smooth, thick pigmented paste with mild ammoniacal odour.  
pH: >7  
Boiling point (°C): 100°C  
Melting point (°C): Not available  
Vapour pressure @25°C (kPa): Not available  
Solubility in water at 20°C: Miscible  
Specific gravity: 1.2 – 1.5  
Flash point (°C): Not applicable  
Flammability limits: UEL - not applicable  
LEL – not applicable

### 10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal storage and application temperatures.  
Hazardous polymerisation: Product will not undergo polymerisation..

### 11. TOXICOLOGICAL INFORMATION

#### Acute

Eyes: The liquid is discomforting to the eyes and is capable of causing a mild, temporary redness of the conjunctiva (similar to wind-burn), temporary impairment of vision and/or other transient eye damage/ulceration. The material may produce moderate eye irritation leading to inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

Skin contact: The material is mildly discomforting to the skin and is capable of causing skin reactions, which may lead to dermatitis from repeated exposures over long periods. The material may cause skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin.

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- Inhalation: Not normally a hazard due to non-volatile nature of product. Inhalation of vapour is more likely at higher than normal temperatures. The mist is discomforting to the upper respiratory tract.
- Ingestion: Considered an unlikely route of entry in commercial/industrial environments. The material is discomforting to the gastro-intestinal tract if swallowed.
- Chronic: Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following.

### 12. ECOLOGICAL INFORMATION

Ecology: Do not discharge into sewers.

### 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods

State/Territory authority: Observe all Federal, State and Local regulations  
Dispose – Secure landfill: Yes  
Dispose – High temp incinerator: No

### 14. TRANSPORT INFORMATION

UN number: None allocated  
Dangerous goods class: None allocated  
Subsidiary risk: None allocated  
EPG card: None allocated  
Shipping name: None allocated  
Packing group: None allocated  
Poisons schedule: None allocated  
Hazchem code: None allocated

### 15. REGULATORY INFORMATION

Risk phrase(s): R 33 - Danger of cumulative effects.\*  
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S 61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.

### 16. OTHER INFORMATION

Reason for Issue: Change of product 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.