

**FORMULATORS, MANUFACTURERS AND CONSULTANTS OF
SPECIAL CONCRETE PRODUCTS**

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MATERIAL SAFETY DATA SHEET1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION/COMPANY:

PRODUCT: ROCKBOND POLYMER LATICES AND COATINGS

COMPANY: Rockbond SCP Ltd., Telephone: 01206 265116,
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England

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Rockbond Polymer Latices and Coatings are blends of polymer and co-polymer solids dispersed in water. The polymers are based on pure acrylic and acrylic esters, styrene, butadiene, natural rubber and bitumen.

3. HAZARDS IDENTIFICATION:

Non hazardous. Water based. Can be slightly irritating to the skin and eyes.
Dispersions do not present any particular fire hazard.

4. FIRST AID MEASURES:

Inhalation: Should the odour, or vapours, in the latex cause discomfort, which is unlikely, move the patient to a source of fresh air.

Skin: If skin contact occurs, thoroughly wash the affected area with running water. Remove contaminated clothing immediately.

Eyes: Eyes that have become affected with latex must be immediately and thoroughly rinsed with running water for several minutes with the eyelids fully open. In severe cases, seek medical advice without delay.

Ingestion: If a small amount is swallowed, give the person a glass of water to drink. If a large amount is taken, seek immediate medical attention. Do not induce vomiting. Reassure the individual that there is no serious poisoning hazard, and keep him quiet and calm.

5. FIRE FIGHTING MEASURES:

Suitable extinguishing media: Dry powder, foam, carbon dioxide or water spray
Special exposure hazards: Can give off dense black smoke and hazardous combustion products.

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6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Wear protective clothing.
Environmental precautions: Do not allow spillages to enter watercourses or streams.
Methods for cleaning up: Soak up spillages on an absorbent material and place in a suitable container for disposal.

7. HANDLING AND STORAGE:

Handling: Wear protective clothing and eye protection when handling dispersions.
Storage: Store in a cool, dry, dark place.
Protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Engineering measures: No special measures required
Recommended personal protection: Wear suitable waterproof clothing, PVC gloves and side protected goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Liquid or thixotropic gels	Flash point:	Not applicable
Colour:	White or pigmented	Flammability:	Not applicable
	The bituminous latex is black	Explosive properties:	Not applicable
Odour:	Slight	Oxidising properties:	None
pH:	6.5 to 9.0	Vapour pressure:	As water
Boiling point:	100°C approx	Relative density:	0.98 to 1.20
Melting point:	0°C approx	Solubility in water:	Miscible

10. STABILITY AND REACTIVITY:

Stability: Stable under normal conditions of use. Protect from frost.
Materials to avoid: Strong oxidising agents and acids
Hazardous decomposition products: None. Combustion can produce carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION:

Acute toxicity: LD50 Oral rat: >2000mg/kg
Effects of exposure and symptoms: May cause irritation to eyes and skin.
May cause irritation to the digestive system.

12. ECOLOGICAL INFORMATION:

Aquatic toxicity: Under normal conditions, there is no indication that the liquid can be considered as a health risk. Once dry, the hardened polymer film will not re-emulsify.
Environmental effects: Water for sewerage treatment that has been contaminated with small quantities of the product will not effect the biomass. The polymer will be largely absorbed on the sludge and removed from the waste water.

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13. DISPOSAL CONSIDERATIONS:

Disposal of materials:	In accordance with local authority regulations
Disposal of packaging:	In accordance with local authority regulations

14. TRANSPORT INFORMATION:

Not classified as a hazardous material for transportation.

15. REGULATORY INFORMATION:

Labelling:	Not applicable
Safety phases:	No safety phases
Risk phases:	No risk phases

16. OTHER INFORMATION:

The safety data sheet applies to the following ROCKBOND SPECIAL CONCRETE PRODUCTS:

ROCKBOND PRIMER LATEX CONCENTRATE (RB PLC)
ROCKBOND PRIMER LATEX (RB PL)
ROCKBOND FLEXIBLE LATEX (RB FL)
ROCKBOND PURE ACRYLIC LATEX (RB PAL)
ROCKBOND ACRYLIC LATEX (RB AL)
ROCKBOND SBR LATEX (RB SBRL)
ROCKBOND BITUMINOUS LATEX (RB BL)
ROCKBOND RUBBER LATEX (RB RL)
ROCKBOND CURE CONCENTRATE (RB CC)
ROCKBOND CURE (RB C)
ROCKBOND MASONRY COATING (RB MC)
ROCKBOND ANTI-CARBONATION COATING (RB ACC)
ROCKBOND ACRYLIC COATING (RB AC)

FURTHER INFORMATION:

Should you require further information on this product, or details of other ROCKBOND SPECIAL CONCRETE PRODUCTS, then please do contact our Technical Department:

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IMPORTANT NOTE:

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JANUARY 2018