

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product name: PLATINUM SBR BONDING AGENT

Application: Liquid, water based styrene butadiene polymer latex with high bonding characteristics.
It is stable under wet conditions forming a reinforcing polymer matrix within cementitious mixes.

1.2 Details of the supplier of the safety data sheet

Company name: Platinum Building Chemicals
65 Colvilles Place
Kelvin Industrial Estate
East Kilbride
Lanarkshire
G75 0PZ
United Kingdom

Tel: 01355 222 777

Email: info@platinumchemicals.co.uk

1.3 Emergency telephone number

Emergency tel: 01355 222 777
(office hours only)

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Most important adverse effects: Harmful to aquatic organisms
Irritating to eyes and skin

Section 3: Composition/information on ingredients

3.1 Mixtures

Mixtures: Aqueous solution of Styrene Butadiene Latex

Section 4: First aid measures

4.1 Description of first aid measures

Inhalation: Remove victim immediately from source of exposure. Move into fresh air and keep at rest.
Get medical attention.

Ingestion: Rinse mouth thoroughly. Drink 2 glasses of water or milk and seek medical attention.

Skin Contact: Wash off skin with soap and water. Seek medical attention if blistering occurs.

Eye Contact: Thoroughly irrigate eye with water for 10 minutes and seek medical attention.

Section 5: Fire-fighting measures

The product is an aqueous solution and will not support combustion.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Risk of contact: wear protective gloves and goggles/face shield. Avoid contact with skin and eyes.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements: Avoid eye and skin contact. Wear goggles and gloves if necessary. Use in well ventilated areas.

7.2 Precautions for safe storage

Storage requirements: Store in a cool place and protect from frost.

Section 8: Exposure controls/personal protection

8.1 Control Parameters

Workplace exposure limits: No data available.

8.2 DNEL/PNEC Values

DNEL/PNEC: No data available.

8.3 Exposure Controls

Engineering Measures: Provide adequate ventilation during application and drying.

Respiratory protection: If ventilation is insufficient, respiratory protective equipment must be worn.

Hand protection: Wear suitable protective clothing and plastic or rubber gloves.

Eye protection: Eye protection designed to protect against liquid splashes should be worn. Equipment should conform to EN166

Hygiene Measures: When using, do not eat, drink or smoke. Wash hands before eating, drinking, smoking or using the toilet.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Milky white viscous liquid

Colour(s): White

Specific Gravity: 1.02 at 20C

Particle Size: nominal 0.20 microns

In service, details depend to a great extent on the mix design and polymer content. It is generally noted that at fairly dry consistencies, mixes containing higher amounts of Platinum SBR Bonding Agent show increased flexural, tensile and adhesive strengths.

Section 10: Stability and reactivity

10.1 Stability

Personal precautions: Stable when stored in a dry place.

10.2 Conditions to avoid

Conditions to avoid: Water, moisture. Avoid contact with strong reducing agents. Avoid frost.

10.3 Materials to avoid

Materials to avoid: Avoid contact with acids.

Section 11: Toxicological information

11.1 Symptoms/routes of exposure

Ingestion: May cause chemical burns in mouth, oesophagus and stomach.

Skin contact: The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact: Risk of serious damage to eyes.

Health warnings: May cause allergic contact eczema. May cause chemical eye burns.

Section 12: Ecological information

12.1 Toxicity

Ecotoxicity values: No data available

12.2 Persistence and degradability

Degradability: Only slightly biodegradable

12.3 Bioaccumulative potential

Bioaccumulation: No data available

12.4 Mobility

Mobility: No data available

12.5 Results of PBT & vPvB assesment

Results: This product is no identified as a PBT/vPvB substance

Section 13: Disposal Considerations

13.1 Waste Treatment Methods

Disposal Methods: Dispose of waste and residues in accordance with local authority requirements.

Section 14: Transport information

General: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). No transport warning sign required.

Marine pollutant: Yes

Section 15: Regulatory information

15.1 Label elements

Label: Irritant



15.2 Risk phases

R41: Risk of serious damage to eyes.

R37/38: Irritating to respiratory system and skin.

15.3 Safety phases

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable gloves and eye/face protection.

S51: Use only in well ventilated areas.

S22: Do not breathe dust.

15.4 Other

Statutory instruments: Control of Substances Hazardous to Health
Chemicals (Hazard Information and Packaging) Regulations.

Guidance notes: CHIP for everyone HSG(108)

National regulations: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.
Workplace Exposure Limits 2005 (EH40)
Control of Substances Hazardous to Health Regulations 2002 (as amended)
The Carriage of Dangerous Goods and Use of Transportable Pressure Regulations 2007
(CDG 2007)

Section 16: Other information

16.1 Other information

Legal disclaimer: Whilst every care has been taken to ensure that this product can be used for the purpose for which it is intended, Platinum Building Chemicals Ltd have no control over the way that the product is used, the workmanship or application of the products. The information given here has been compiled on the basis of available knowledge in accordance with the requirements of the Chemical Hazards Information and Packaging Regulation 1997. This does not imply that the information is complete or accurate in all cases and no guarantee can be given that is complete and accurate. It is the user's responsibility to take adequate measures to satisfy themselves as to the application and suitability of the information and/or recommendations given for their own use. Depending on the nature and condition of the applicable surface, it is recommended that users ascertain suitability of product for own use by carrying out sample tests to surfaces as and when necessary. It is recommended that, in order to comply with the terms and conditions of the twenty five year guarantee, qualified operatives should be employed.