



# Material Safety Data Sheet

## SBR Bonding Additive

### 1. Identification of Substance / Preparation and Company.

**Product Name :** SBR Bonding Additive

**Company :** Permagard Products Limited  
Chitting Industrial Estate  
Avonmouth  
Bristol  
BS11 0YB

**Telephone :** +44 (0) 117 938 1596  
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**Emergency Telephone:** +44 (0) 117 938 1596

### 2. Composition / Information on Ingredients.

**Description :** An blend of quaternary ammonium compounds, non-ionic surfactant

Hazardous Ingredients	CAS No.	% Range	Hazard	Risk No.
N/A				

This product is a Water based dispersion of butadiene styrene copolymer.  
According to EU directive 1999/45/EC this product has no hazardous components.

### 3. Hazards Identification.

**Fire:** N/A.  
**Environment:** N/A  
**Health:** N/A  
**Inhalation:** - Vapour may cause dizziness if inhalation is prolonged  
**Eye Contact:** - May cause temporary irritation.  
**Skin Contact:** - Prolonged contact may cause irritation.  
**Ingestion:** - May cause nausea.

### 4. First Aid Measures.

**Inhalation:** Remove to fresh air.  
**Eye Contact:** Irrigate with water for 15 minutes holding eye open. Seek immediate medical attention.  
**Skin Contact:** Wash thoroughly with soap and water. Seek medical attention if symptoms persist.  
**Ingestion:** Seek immediate medical attention. DO NOT induce vomiting.

### 5. Fire Fighting Measures.

This product is not flammable. However, toxic fumes (oxides of carbon) may be evolved in the event of a fire. Treat fires with dry chemical, foam or water spray. Wear protective clothing and self-contained breathing apparatus. Prevent large amounts of run-off from entering water course or drains.

### 6. Accidental Release Measures.

Wear suitable protective equipment (see section 8). Clean up spillage with inert absorbent material and place in a suitable container for safe disposal. Wash area down with water. Dispose of waste material and contaminated containers via normal waste collection. Large volumes of this product should not enter drainage or sewerage systems. Spillages will make surfaces very sticky. Clean spill area and any tools used thoroughly. Collect washings and dispose of as contaminated waste. Warn others of hazard until surface is dry.

## 7. Handling and Storage.

Keep out of the reach of children.

**Usage Precautions:** No special precautions necessary. Observe good working practices. Keep workplace ventilated.

**Storage Criteria:** Protect from frost and direct sunlight. Store between 5°C and 35°C.

This material and its container must be disposed of in a safe way.

## 8. Exposure Controls / Personal Protection.

Always consult the label before use.

**Ingredient:** N/A

**PPE:**

Respirator	Not required.
Gloves	Impervious, recommended.
Eye / Face Protection	Safety goggles recommended.
Protective Clothing	Coveralls recommended.

## 9. Physical and Chemical Properties.

<b>Appearance:</b>	White milky liquid
<b>Odour:</b>	Faint aromatic
<b>Solubility in Water:</b>	Insoluble, but miscible in all proportions
<b>pH:</b>	9.00 – 11.00
<b>SG:</b>	1.00

## 10. Stability and Reactivity.

Product is stable under normal conditions. Avoid mixing with other chemicals unless instructed to do so.

## 11. Toxicological Information.

**Eye Irritation:** Risk of damage to eyes.

**Skin Irritation:** May cause irritation of the skin.

Long term experience of this product type indicates no danger to health when properly handled.

This product has not been tested. The data has been calculated using data from the individual components.

## 12. Ecological Information.

**Environmental Hazards:** This product is not classified as Dangerous to the Environment.

**Bioaccumulation:** No evidence of bio accumulation.

**Degradability:** DOC elimination after 2 days (OECD302B): 98%. The product can be virtually eliminated from water by a biotic process.

## 13. Disposal Considerations.

Do not empty into drains. This material and its container must be disposed of in a safe way. Consideration should be given to recycling of the outer packaging of this product. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. Transport Information.

**Proper Shipping Name:**

**UN No:**

**Packaging Group:**

**ADR Class:**

**ADR Item No:**  
**HI No:**  
**IMDG:**  
**Marine Pollutant:**  
**IATA:**

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## **15. Regulatory Information.**

**Hazard Symbols:**

**Risk Phrases:**

**Safety Phrases:**

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## **16. Other Information.**

**Recommended Uses:** Bonding Additive

**Legal Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.