

Material Safety Data Sheet

1. MATERIAL & COMPANY IDENTIFICATION

Product Name : SmartBond AN
Manufacturer : S3 Technologies Sdn Bhd
Address : PT 5889, Jalan Changkat Larang, 31007 Batu Gajah, Perak
Contact : Tel: 05-3651232 Fax: 05-3651233

2. COMPOSITION / INFORMATION ON INGREDIENTS

Polymer latex emulsion : Dispersion of all acrylic co-polymer, about 48% solid by weight
CAS Reg. No. : Not available

Formaldehyde : Track amounts (<0.1%)

3. HAZARDS IDENTIFICATION

3.1 Ingestion

May cause nausea and poisoning.

3.2 Inhalation

Inhalation of vapour or mist may cause headache, nausea, irritation of nose throat and lungs.

3.3 Eye Contact

May cause eye itching, redness and pain.

3.4 Skin Contact

Prolonged or repeated skin contact may cause slight skin irritation with reddening.

4. FIRST AID MEASURES

4.1 Ingestion

Never give anything by mouth to an unconscious or convulsing person. If ingested, rinse mouth with water and seek immediate medical assistance.

4.2 Inhalation

Move the victim to fresh air. If breathing is difficult, give oxygen; if victim is not breathing, give artificial breathing, and seek immediate medical assistance.

4.3 Eye Contact

Flush with plenty of water for 15 minutes and seek medical advice without delay.

4.4 Skin Contact

Remove contaminated shoes and clothing. Rinse affected area with large amounts of water followed by washing the area with soap and water. If irritation persists, seek medical assistance.

4.5 General

In all cases of doubt, or where symptoms persist, medical advice should be obtained.

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5. FIRE-FIGHTING MEASURE

Specific Hazards : Non-Combustible material

Extinguishing Media : General extinguishing media such as water, spray carbon dioxide, chemical form type applied as appropriate for surrounding fire.

Flammability Limits : Not Applicable

Fire Fighting Advice : Non-Combustible material

6. ACCIDENTAL RELEASE MEASURES

Wear protective equipment to prevent skin and eye contact. Sweep, vacuum or shovel spilled material whilst trying to minimize dust generation. Dispose according to local authority guidelines. Do not allow material to enter drain or waterways.

7. HANDLING AND STORAGE

Handling : Avoid direct contact with skin and eyes. Bagged material should be stacked in a safe and stable manner.

Storage : Store in a dry place in the original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering Controls

Use in a well-ventilated area to prevent excessive exposure to the vapour or mist of the product.

8.2 Personal Protection

When handling or mixing the product, avoid inhaling the vapour or mist. Wear mask, safety glasses, chemical resistant apron and impervious gloves. Precaution should be taken to avoid skin or eye contact or ingesting the product. Always wash hand before eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: White milky liquid latex
Odour	: Mild odour
pH	: 8
Solubility	: Dilutable with water
Specific Gravity	: Not applicable
Vapour Pressure	: 17.5 mm Hg @ 23°C
Vapour Density	: Not applicable
Viscosity	: Not applicable
Freezing Point	: Not applicable
Flammability	: Not applicable

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10. STABILITY AND REACTIVITY

10.1 Stability

Stable at normal temperatures when kept dry. When wet, sets to a hard lump with evolution of small amounts of heat.

10.2 Materials and Conditions to Avoid

React with moisture and become alkaline.

10.3 Hazardous Decomposition Products

Not known.

11. TOXICOLOGICAL INFORMATION

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12. ECOLOGICAL INFORMATION

This product is not biodegradable. Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Product should be disposed in accordance with local regulations and legal requirements.

14. TRANSPORT INFORMATION

No special packaging requirement. Not classified as dangerous goods under the United Nations Transport Recommendations.

15. REGULATORY INFORMATION

Not classified as dangerous under current regulation.

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16. OTHER INFORMATION

The information contained in this MSDS is provided for use in assessing the hazardous nature of material. Information was prepared carefully, using current references available to us. Information provided is to be the best of our knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself/ herself as to the suitability and completeness of information provided here for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information.

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