

# Material Safety Data Sheet

## 1. MATERIAL & COMPANY IDENTIFICATION

**Product Name** : SmartGrip PLUS – 100  
**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** : Approximately 20 % solid by weight of dispersion of copolymer of styrene and butadiene  
**CAS Reg. No.** : Not Available  
**Chemical Additives** : Additives are essentially defoamer and in can preservative.  
**CAS Reg. No.** : Mixture (Not Available)

## 3. HAZARDS IDENTIFICATION

- 3.1 Ingestion**  
May cause temporary irritation to the gastrointestinal tract.
- 3.2 Inhalation**  
May irritate nose, throat, and upper respiratory tract.
- 3.3 Eye Contact**  
May cause eye itching, redness and pain.
- 3.4 Skin Contact**  
May cause irritation.

## 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.

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## 4. FIRST AID MEASURES (Continued)

### 4.5 General

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

## 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, eyes and clothing. Keep away from children.

Storage : Store in a dry and well ventilate area. Keep containers tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Engineering Controls

Minimized the risk of inhalation of vapours and mist. Adequate ventilation using mechanical ventilation or local exhaust ventilation.

### 8.2 Personal Protection

Wear dust 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 toiled. Wash contaminated clothing and other protective equipment before storage or re-use.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	: White milky liquid latex
<b>Odour</b>	: Mild odour
<b>pH</b>	: 7 - 8
<b>Solubility</b>	: Dilutable with water
<b>Specific Gravity</b>	: Approximate 1
<b>Vapour Pressure</b>	: 23mbar @20°C (water)
<b>Vapour Density</b>	: Not determined
<b>Viscosity</b>	: Not determined
<b>Freezing Point</b>	: Not determined
<b>Flammability</b>	: Not applicable

## 10. STABILITY AND REACTIVITY

### 10.1 Stability

Stable at normal temperature.

### 10.2 Materials and Conditions to Avoid

None currently known.

### 10.3 Hazardous Decomposition Products

None known in normal application.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Ingestion

Material can cause nausea and poisoning.

### 11.2 Inhalation

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

### 11.3 Eye Contact

Direct contact with material can cause slight irritation.

### 11.4 Skin Contact

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

## 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.

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## **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.

## **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.