



# SmileStone™ Extra White

## Safety and Data Sheet (Base Powder & Liquid)

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### SmileStone™ Extra White (Base Powder)

#### SECTION 1: Identification of the substance and the company

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| 1.1 | <u>Product name</u><br>SmileStone™ Extra White (Base Powder) - Acrylic-modified gypsum composite for casting   |
| 1.2 | <u>Product use</u><br>To be used with SmileStone™ Extra White (Activator Liquid) for casting of decorative objects.  |
| 1.3 | <u>Details of the supplier of the safety data sheet</u><br>Resin Play<br>37 Beach Road, #02-02<br>Singapore 189678<br>Phone: +65 8738 3404 (Mon, Wed-Sat   10:30am-6:00pm)<br>Email: <a href="mailto:info@resinplay.sg">info@resinplay.sg</a><br>Website: <a href="http://www.resinplay.sg">www.resinplay.sg</a> |
| 1.4 | <u>Emergency telephone number</u><br>Phone: +65 8738 3404 (Mon, Wed-Sat   10:30am-6:00pm)  |

#### SECTION 2: Hazards identification

This product is not considered dangerous / hazardous according to the guidelines of the Information System on Hazardous Materials in the Workplace (WHMIS).
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#### SECTION 3: Composition/Information on ingredients

<b>Chemical and technical denomination</b> Mixed reactive crystal minerals - Prepared Dangerous components: N/A
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#### SECTION 4: First aid measures

##### Inhalation

Supply fresh air or oxygen, depending on the condition.

##### Eye contact

Rinse immediately with plenty of water for a minimum period of 15 minutes. If eye irritation persists, seek specialised medical advice.

##### Skin contact

Wash the affected part with soap and plenty of warm water. Do not use solvents.

##### Ingestion

Immediately administer plenty of water. Minimum two glasses. If a person vomits and is lying on their back, they should be turned to the side. Never give liquids to unconscious people.

#### SECTION 5: Fire-fighting measures

##### Suitable extinguishing media

Use extinguishing equipment in accordance with the environment.

##### Extinguishing media that must not be used for safety

NA

##### Special protective equipments for fire fighters

NA

##### Additional information

Heating above 100°C can cause splash burns. Dry product to burn.

#### SECTION 6: Accidental release measures

##### Personal precautions

Wear appropriate work clothes. Stay away from spills and overflows. Can



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produce slippery conditions.

#### Environmental precautions

Prevent the product from entering the sewer network. Avoid surface water contamination. into drains or rivers. Avoid penetration of the subsoil.

#### Clean-up procedures

Lightly moisten spill/residue and collect. Dispose of as normal waste.

### SECTION 7: Handling and storage

#### Handling

Avoid skin and eye contact. Avoid breathing in vapour. After using, wash with plenty of water and soap. Ensure proper ventilation. Open and handle container with care. Keep the container closed after use.

#### Storage

Keep container tightly closed. Store at a temperature between 5°C and 45°C. Protect from excessive humidity and water. Store as a non-flammable product.

### SECTION 8: Exposure controls/personal protection

#### **Components with limit values to be monitored at the workplace**

#### Exposure controls

The product does not contain significant amounts of substances with limit values that require monitoring at the workspace.

#### Respiratory protection

When transferring large volumes it is advisable to use a mask for powders. No special protective equipment is required if dust concentrations are kept within acceptable limits.

#### Eye protection

Safety glasses tight to the contour of the face.



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Hand protection

Not required.

Skin and body protection

Protective suit / overalls / apron / safety shoes

Protective measures

Avoid contact with food and drinks.

#### SECTION 9: Physical and chemical properties

State: Fine powder

Colour: White

pH: NA

Odour: Odourless

Boiling temperature: NA

Chemical decomposition: NA

Flash point: NA

Vapour pressure: NA

Density: 2.75g/cm<sup>3</sup>

Water solubility: 10g/L

Miscibility with water: Miscible

#### SECTION 10: Stability and reactivity

Conditions to avoid

Extremely humid or wet environments

Materials to avoid

Reaction with water

Reactivity

Does not polymerise spontaneously

Hazardous decomposition products

Produces traces of carbon monoxides



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#### SECTION 11: Toxicological information

The product is not classified based on the calculation procedure of the general rules of preparation and use. For normal and suitable use and according to our experience, the product does not cause damage to health.

#### SECTION 12: Ecological information

Biodegradability  
Not enough data

Additional ecological information  
Prevent the product from draining into the sewer network. Avoid surface water contamination. Avoid penetration of the subsoil.

#### SECTION 13: Disposal considerations

Container  
Empty containers must be disposed of in accordance with local regulations.

Product  
Waste: Y13.  
Dangerous characteristics Class 9 – H13

#### SECTION 14: Transport information

Land, sea, air transport: Not regulated.

#### SECTION 15: Regulatory information

Not required.



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#### SECTION 16: Other information

##### Risk classification system (HMSI)

Health	Flammability	Risk
0	0	0

##### Notice

To the best of our knowledge, the information contained herein is accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information and to comply with all laws and procedures applicable to the safe handling and use of the product. Neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



# SmileStone Extra White™

## Safety and Data Sheet (Base Powder & Liquid)

### SmileStone™ Extra White (Activator Liquid)

#### SECTION 1: Identification of the substance and the company

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|-----|--|
| 1.1 | <u>Product name</u><br>SmileStone™ Extra White (Activator Liquid) - Acrylic-modified gypsum composite for casting  |
| 1.2 | <u>Product use</u><br>To be used with SmileStone™ Extra White (Base Powder) for casting of decorative objects.   |
| 1.3 | <u>Details of the supplier of the safety data sheet</u><br>Resin Play<br>37 Beach Road, #02-02<br>Singapore 189678<br>Phone: +65 8738 3404 (Mon, Wed-Sat   10:30am-6:00pm)<br>Email: <a href="mailto:info@resinplay.sg">info@resinplay.sg</a><br>Website: <a href="http://www.resinplay.sg">www.resinplay.sg</a> |
| 1.4 | <u>Emergency telephone number</u><br>Phone: +65 8738 3404 (Mon, Wed-Sat   10:30am-6:00pm)  |

#### SECTION 2: Hazards identification

This product is not considered dangerous / hazardous according to the guidelines of the Information System on Hazardous Materials in the Workplace (WHMIS).

#### SECTION 3: Composition/Information on ingredients

**Chemical and technical denomination**  
Dispersion of acrylic copolymers in water - Prepared

**Dangerous components:**

Chemical name	No. CAS	Concentration (%)
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5-Cloro-2-metyl-4-isotia zolin-3-one	26172-55-4	< 0.01%
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#### Information on flame retardant material

Material classification : M1

This material is classified within the M1 materials, which indicates that they are combustible, but not flammable. Its combustion is not maintained when the supply of heat from an external source ceases.

#### SECTION 4: First aid measures

##### Inhalation

Supply fresh air or oxygen, depending on the condition.

##### Eye contact

Rinse immediately with plenty of water for a minimum period of 15 minutes. If eye irritation persists, seek specialised medical advice.

##### Skin contact

Wash the affected part with soap and plenty of warm water. Do not use solvents. If skin irritation persists, seek specialised medical advice.

##### Ingestion

Immediately administer plenty of water. Minimum two glasses. If a person vomits and is lying on their back, they should be turned to the side. Never give liquids to unconscious people.

#### SECTION 5: Fire-fighting measures

##### Suitable extinguishing media

Use extinguishing equipment in accordance with the environment.

##### Extinguishing media that must not be used for safety

NA





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Special protective equipments for fire fighters

NA

Additional information

Heating above 100°C can cause splash burns. Dry product to burn.

#### SECTION 6: Accidental release measures

Personal precautions

Wear appropriate work clothes. Stay away from spills and overflows. Can produce slippery conditions.

Environmental precautions

Prevent the product from entering the sewer network. Avoid surface water contamination. into drains or rivers. Avoid penetration of the subsoil.

Clean-up procedures

Contain and absorb with inert material and dispose of a special waste.

#### SECTION 7: Handling and storage

Handling

Avoid skin and eye contact. Avoid breathing in vapour. After using, wash with plenty of water and soap. Ensure proper ventilation. Open and handle container with care. Keep the container closed after use.

Storage

Keep container tightly closed. Store at a temperature between 5°C and 45°C. Avoid freezing, it can affect the stability of the product.

#### SECTION 8: Exposure controls/personal protection

**Components with limit values to be monitored at the workplace**

Engineering provisions

The use of air extraction equipment with minimum capture speed of 0.5 m/min is



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recommended. In storage and handling areas, the installation of an eyewash device is recommended.

#### Respiratory protection

No special protective equipment is required if vapour, gas or aerosol concentrations are kept below exposure limits.

#### Eye protection

Safety glasses tight to the contour of the face.

#### Hand protection

Disposable gloves

#### Skin and body protection

Protective suit / overalls / apron / safety shoes

#### Protective measures

Keep away from sources of ignition. No smoking. Avoid contact with eyes, skin and clothing.

### SECTION 9: Physical and chemical properties

State: Liquid

Colour: Milky white

pH: 8.2 - 8.8

Odour: Slight ammonia

Boiling temperature: 100°C

Chemical decomposition: NA

Flash point: NA

Vapour pressure: 17 mm/Hg at 20°C

Density: 1.0 - 1.2g/cm<sup>3</sup>

Water solubility: Totally soluble

Miscibility with water: Miscible



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#### SECTION 10: Stability and reactivity

Conditions to avoid

NA

Materials to avoid

NA

Reactivity

Does not polymerise spontaneously

Hazardous decomposition products

When burning produces acrylic monomers

#### SECTION 11: Toxicological information

Acute oral toxicity

LD50 Dosis: > 5000 mg/kg - Rat

Acute dermal toxicity

LD50 Dosis: >5000 mg/kg - Rat

Acute inhalation toxicity

NA

Skin irritation

May cause temporary irritation

Sensibilisation

NA

Additional information

NA

#### SECTION 12: Ecological information



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Biodegradability

Not enough data

Additional ecological information

Prevent the product from draining into the sewer network. Avoid surface water contamination. Avoid penetration of the subsoil.

#### SECTION 13: Disposal considerations

Container

Empty containers must be disposed of in accordance with local regulations.

Product

Waste: Y13.

Dangerous characteristics Class 9 – H13

#### SECTION 14: Transport information

Land, sea, air transport: Not regulated.

#### SECTION 15: Regulatory information

Not required.

#### SECTION 16: Other information

**Risk classification system (HMSI)**

Health	Flammability	Risk
1	0	0



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#### Notice

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