

**S.TILE GROUT CHARCOAL**  
 Version 1

**Revision Date** 21-Apr-2016  
**Supersedes Date:** No information available

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

**Product Name** S.TILE GROUT CHARCOAL  
**Pure substance/mixture** mixture

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Recommended use** Adhesives.  
**Uses Advised Against** No information available.

### 1.3. Details of the Supplier of the Safety Data Sheet

#### Company Name

Bostik (Shanghai) Management Co., Ltd  
 Building 1, No.968 Guanghai Road, Minhang District  
 Shanghai, China  
 Tel: 021-60763101  
 Fax: 021-60763133

#### Manufacturer

Bostik India Private Ltd  
 124/1 & 124/2A  
 Kachanayakanahalli  
 Behind Bommasandra Indl.Area  
 Off Hosur Road, Hennagara Post,  
 Anekal Taluk  
 Bangalore - 562106, Karnataka,  
 INDIA  
 Tel: 0091-80-27833520  
 Fax: 00 91-80-27831324  
 Email: Bostikinfo.India@bostik.com

Please refer to Section 16 for local affiliate addresses.

### 1.4. Emergency Telephone Number

**Emergency Telephone** 0532-8388 9090 (China only)  
**E-mail address** SDS.AP@Bostik.com

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

Skin Corrosion/Irritation	Category 3 (6.3B)
Serious Eye Damage/Eye Irritation	Category 2A (6.4A)

Classification in parenthesis is applicable for New Zealand Hazard Classification

**ERMA Group** No information available

### 2.2. Label Elements



**Signal Word** WARNING

#### Hazard statements

H316 - Causes mild skin irritation  
 H319 - Causes serious eye irritation

#### Precautionary Statements - Prevention

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P264 - Wash face, hands and any exposed skin thoroughly after handling  
P280 - Wear protective gloves/protective clothing/eye protection/face protection

## Precautionary Statements - Response

In case of contact with substance, wipe from skin immediately; flush skin or eyes with running water for at least 20 minutes  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

## Skin

P332 + P313 - If skin irritation occurs: Get medical advice/attention

## Eyes

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

## Precautionary Statements - Storage

Keep only in the original container/package in a cool well-ventilated place

## Precautionary Statements - Disposal

Dispose of contents/containers in accordance with local regulations

## 2.3. Other Hazards

- Product dust may be irritating to eyes, skin and respiratory system
- When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers
- Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

This product is a mixture. Health hazard information is based on its components.

### 3.2 Mixtures

Chemical Name	CAS No	Weight-%
Calcium hydroxide	1305-62-0	1 - 5
Zinc stearate	557-05-1	< 1

\*\*\* Any remaining ingredients are not hazardous

## Section 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Skin Contact</b>	Brush off loose particles from skin. Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Eye contact</b>	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label. Rinse mouth.
<b>Self-protection of the First Aider</b>	Use personal protective equipment as required.

### 4.2. Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms** None known.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

**Note to physicians** Treat symptomatically.

### 4.4. Reference to Other Sections

**Reference to Other Sections** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION. Section 11:

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## TOXICOLOGY INFORMATION.

### Section 5: FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing Media

**Suitable Extinguishing Media** Use extinguishing agent suitable for type of surrounding fire.

**Unsuitable Extinguishing Media** No information available.

#### 5.2. Special Hazards Arising from the Substance or Mixture

**Specific Hazards Arising from the Chemical** Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Hazardous Combustion Products** Carbon oxides.

#### 5.3. Advice for Firefighters

**Special Protective Equipment for Fire-fighters** Wear self-contained breathing apparatus and protective suit.

### Section 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions** Avoid creating dust. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing and eye/face protection.

**For Emergency Responders** Sweep up to prevent slipping hazard.

#### 6.2. Environmental Precautions

**Environmental Precautions** See Section 12 for additional Ecological Information.

#### 6.3. Methods and Material for Containment and Cleaning up

**Methods for Containment** Prevent dust cloud. Take up mechanically, placing in appropriate containers for disposal.

**Methods for Cleaning up** Avoid creating dust. Sweep up and shovel into suitable containers for disposal.

#### 6.4. Reference to other sections

**Reference to Other Sections** Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 13: DISPOSAL CONSIDERATIONS

### Section 7: HANDLING AND STORAGE

#### 7.1. Precautions for Safe Handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid generation of dust. Avoid contact with skin and eyes. Wash contaminated clothing before reuse.

#### 7.2. Conditions for Safe Storage, including any Incompatibilities

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**Storage Conditions** Keep out of the reach of children. Protect from direct contact with water or excessive moisture. Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

**Incompatible Materials** No information available

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## 7.3. Specific End Use(s)

Other Information No information available.

## 7.4. References to Other Sections

Reference to Other Sections Section 13: DISPOSAL CONSIDERATIONS. Section 10: STABILITY AND REACTIVITY.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

#### Exposure Limits

Chemical Name	Australia	China	Japan	Korea	New Zealand
Calcium hydroxide 1305-62-0	5 mg/m <sup>3</sup>	-	-	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>
Zinc stearate 557-05-1	10 mg/m <sup>3</sup>	-	-	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

Other Information No information available

### 8.2. Exposure Controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

#### Personal Protective Equipment (PPE)

<b>Eye/Face Protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and Body Protection</b>	Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
<b>Hand Protection</b>	Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.
<b>General Hygiene Considerations</b>	Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

Environmental Exposure Controls No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Appearance	Powder
Color	Black
Odor	Odorless
Odor Threshold	Not applicable

Property	Values	Remarks • Method
pH	No information available	
Melting Point/Freezing Point	No information available	
Boiling Point	No information available	
Flash Point	No information available	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	

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<b>Flammability Limit in Air</b>	
<b>Upper Flammability Limit</b>	No information available
<b>Lower Flammability Limit</b>	No information available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	No information available
<b>Specific Gravity</b>	No information available
<b>Water Solubility</b>	No information available
<b>Solubility in Other Solvents</b>	No information available
<b>Partition Coefficient</b>	No information available
<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available
<b>Kinematic Viscosity</b>	No information available
<b>Dynamic Viscosity</b>	No information available
<b>Explosive Properties</b>	No information available
<b>Oxidizing Properties</b>	No information available

## 9.2. Other Information

<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>Solvent Content (%)</b>	No information available
<b>Solid Content (%)</b>	100
<b>Density</b>	No information available
<b>Bulk Density</b>	No information available
<b>VOC</b>	

## **Section 10: STABILITY AND REACTIVITY**

### 10.1. Reactivity

**Reactivity** None under normal use conditions.

### 10.2. Chemical Stability

### 10.3. Possibility of Hazardous Reactions

**Possibility of Hazardous Reactions** None under normal processing.

**Hazardous Polymerization** None under normal processing.

### 10.4. Conditions to Avoid

**Conditions to Avoid** Heat, flames and sparks.

### 10.5. Incompatible Materials

**Incompatible Materials** No information available.

### 10.6. Hazardous Decomposition Products

**Hazardous Decomposition Products** None under normal use conditions.

## **Section 11: TOXICOLOGY INFORMATION**

### 11.1. Information on Toxicological Effects

#### Acute Toxicity

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information.
<b>Inhalation</b>	No Data Available.
<b>Eye contact</b>	No Data Available.
<b>Skin Contact</b>	No Data Available.
<b>Ingestion</b>	No Data Available.

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Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium hydroxide 1305-62-0	= 7340 mg/kg ( Rat )	-	-
Zinc stearate 557-05-1	> 10 g/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-

## Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

<b>Skin Corrosion/Irritation</b>	No information available.
<b>Serious Eye Damage/Eye Irritation</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - Single Exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Target Organ Effects</b>	Eyes, Lungs, Respiratory system, Skin.
<b>Aspiration Hazard</b>	No information available.
<b>Carcinogenicity</b>	No information available.

IARC (International Agency for  
Research on Cancer)

*Group 1 - Carcinogenic to Humans Group 2B - Possibly Carcinogenic to Humans*

## **Section 12: ECOLOGICAL INFORMATION**

### 12.1. Toxicity

**Ecotoxicity**

#### Product Information

None known.

#### Component Information

Data obtained on the component(s) include

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Calcium hydroxide 1305-62-0	-	LC50 96 h = 160 mg/L (Gambusia affinis static)	-

### 12.2. Persistence and Degradability

No information available.

### 12.3. Bioaccumulative Potential

No information available.

### 12.4. Mobility in Soil

No information available.

### 12.5. Results of PBT and vPvB Assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### 12.6. Other Adverse Effects

No information available.  
**Endocrine Disruptor  
Information**

## **Section 13: DISPOSAL CONSIDERATIONS**

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## 13.1. Waste Treatment Methods

<b>Waste from Residues/Unused Products</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

## **Section 14: TRANSPORTATION INFORMATION**

<b>IMDG</b>	Not regulated
<b>IATA</b>	Not regulated
<b>ADR</b>	Not regulated

## **Section 15: REGULATORY INFORMATION**

### National Regulations

**China**  
Not applicable

**Japan**  
Not applicable

**Korea**  
**K-REACH/chemical control act(CCA)**  
Not applicable

### International Regulations

#### Europe

##### **Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU**

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

##### **EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## **Section 16: OTHER INFORMATION**

### Local Contacts

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**Key or Legend to Abbreviations and Acronyms Used in the Safety Data Sheet**  
No information available

**Key Literature References and Sources for Data**  
No information available

<b>Prepared By</b>	Product Safety & Regulatory Affairs
<b>Revision Date</b>	21-Apr-2016
<b>Revision Note</b>	Not applicable.
<b>Training Advice</b>	No information available

## Disclaimer

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**End of Safety Data Sheet**