

**NON METALLIC FLOOR HARDNER**  
Version 1

**Revision Date** 14-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** NON METALLIC FLOOR HARDNER  
**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

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**ERMA Group** No information available

### 2.2. Label Elements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**Signal Word** None

#### **Precautionary Statements - Prevention**

Avoid contact with hot, molten product  
Use personal protective equipment as required  
Wash thoroughly after handling

#### **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

#### **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

# Safety Data Sheet

NON METALLIC FLOOR HARDNER  
Version 1

Revision Date 14-Apr-2016  
Supersedes Date: No information available

## 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

Not applicable

### 3.2 Mixtures

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

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

## Section 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

<b>General Advice</b>	If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
<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>	If symptoms persist, call a physician. In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label.
<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: 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.

# Safety Data Sheet

NON METALLIC FLOOR HARDNER  
Version 1

Revision Date 14-Apr-2016  
Supersedes Date: No information available

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<b>Hazardous Combustion Products</b>	Carbon oxides.
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### 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** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. 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** Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice. Avoid generation of dust. Avoid contact with skin and eyes.

### 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

### 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

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the

# Safety Data Sheet

NON METALLIC FLOOR HARDNER  
Version 1

Revision Date 14-Apr-2016  
Supersedes Date: No information available

region specific regulatory bodies

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)

Eye/Face Protection	Wear safety glasses with side shields (or goggles).
Skin and Body Protection	Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
Hand Protection	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.
Respiratory Protection	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.
General Hygiene Considerations	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 Do not allow into any sewer, on the ground or into any body of water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Solid Powder
Color	Grey
Odor	Odorless
Odor Threshold	Not applicable

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

### 9.2. Other Information

Softening Point No information available

# Safety Data Sheet

NON METALLIC FLOOR HARDNER  
Version 1

Revision Date 14-Apr-2016  
Supersedes Date: No information available

Molecular Weight	No information available
Solvent Content (%)	No information available
Solid Content (%)	100
Density	No information available
Bulk Density	No information available
VOC	

## 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

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

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

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

IARC (International Agency for Research on Cancer) *Group 1 - Carcinogenic to Humans Group 3 - Not Classifiable as to Carcinogenicity in Humans*

# Safety Data Sheet

NON METALLIC FLOOR HARDNER  
Version 1

Revision Date 14-Apr-2016  
Supersedes Date: No information available

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### **Ecotoxicity**

#### **Product Information**

None known.

#### **Component Information**

Data obtained on the component(s) include

### 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.

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

#### **Waste from Residues/Unused Products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## Section 14: TRANSPORT INFORMATION

**IMDG** Not regulated

**IATA** Not regulated

**ADR** Not regulated

## Section 15: REGULATORY INFORMATION

### National Regulations

#### **China**

Not applicable

# Safety Data Sheet

**NON METALLIC FLOOR HARDNER**  
Version 1

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## Japan

Not applicable

## Korea

### **K-REACH/chemical control act(CCA)**

This product does not contain phase-in substances subject to registration, toxic substances, substances subject to authorization, restricted substances, prohibited substances, substances requiring preparation for accidents regulated under the Chemicals Control Law

## 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

Bostik Korea, Ltd.  
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Bangna-Trad rd.  
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Fax: 02-361 6469  
Bostik Vietnam Company Limited  
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BinhDuong Province. Viet Nam.  
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Fax: 84 650 3765109

Bostik Phillippines, Inc.  
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Ortigas Business Center,  
Pasig city, Phillippines  
Tel: 632-900-5656  
Fax: 632-900-5622

# Safety Data Sheet

**NON METALLIC FLOOR HARDNER**  
**Version 1**

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Bostik Australia Pty Ltd  
51-71 High street,  
Thomastown Victoria, Australia  
Tel: 613 9279-9333  
Fax: 613 9279-9342  
24-hr Emergency: 1800 033 111  
Bostik New Zealand Limited  
19 Eastern Hutt Road Wingate,  
Lower Hutt, New Zealand  
Tel: 04-567 5119  
Fax: 04-567 5412  
24-hr Emergency: 0800 243 622

Jiangsu Bositk Adhesive Co.,Ltd  
No.15-9, Xinggang Road, Changshu  
Enconomic Development Zone  
Jiangsu Province 215536  
Tel: 0086-512-52266000  
Fax: 0086-512-52266020

Bostik Findley (China) Adhesive Ltd  
No.75, Xin Zhuang 2 Road, Yong He  
District, GETDD  
Guangzhou, China 511356  
Tel: 020-8297 5266  
Fax: 020-8297 5277

## **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

**Prepared By** Product Safety & Regulatory Affairs

**Revision Date** 14-Apr-2016

**Revision Note** Not applicable.

**Training Advice** No information available

## **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**