

In accordance with OSHA 29 CFR 1910.1200

**BUILDERS BLOCK - MS**  
 Revision Number 1

**Revision Date:** 24-Sep-2020  
**Supersedes Date:** Not applicable

## 1. Identification

### 1.1. Product Identifier

**Product Name** BUILDERS BLOCK - MS

#### Other means of identification

**Other information** Not applicable

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** Adhesives and/or sealants  
**Restrictions on use** No information available

### 1.3. Details of the supplier of the safety data sheet

#### Responsible Party

Bostik Inc.  
 11320 W. Watertown Plank Road  
 Wauwatosa, Wisconsin 53226 USA  
 Phone: +1 (800) 843-0844 (Domestic Toll Free)  
 Phone: +1 (414) 774-2250 (International)  
 Fax: +1 (414) 774-8075

**E-mail** msds@bostik.com

### 1.4. Emergency telephone number

**Emergency Telephone** Telephone: 1-800-227-0332  
 (Outside U.S.) 1-703-527-3887

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Skin sensitization	Category 1
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#### Hazards not otherwise classified (HNOC)

Not applicable

### 2.2. Label Elements

#### EMERGENCY OVERVIEW

#### Warning

#### Hazard statements

May cause an allergic skin reaction



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<b>Appearance</b> Paste	<b>Physical state</b> Solid	<b>Odor</b> No information available
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## Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace  
Wear protective gloves

## Precautionary Statements - Response

IF ON SKIN: Wash with plenty of soap and water  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse

## Precautionary Statements - Disposal

Dispose of contents/ container to an approved waste disposal plant

## 2.3. Other Information

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

## 3. Composition/information on ingredients

### 3.1. Substances

Not applicable.

### Mixture

Chemical name	CAS No	Weight-%
Limestone	1317-65-3	60 - 100
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	0.1 - <1
Quartz	14808-60-7	0.1 - <1

*\*The exact percentage (concentration) of composition has been withheld as a trade secret*

## 4. First-aid measures

### 4.1. Description of first aid measures

#### Inhalation

Remove to fresh air. If symptoms persist, call a physician.

#### Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. If symptoms persist, call a physician.

#### Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Take off contaminated clothing and wash before reuse. May cause sensitization by skin contact. In the case of skin irritation or allergic reactions see a physician.

#### Ingestion

Clean mouth with water and drink afterwards plenty of water.

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## 4.2. Most important symptoms and effects, both acute and delayed

Symptoms Itching. Rashes. Hives.

## 4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. May cause sensitization by skin contact. Treat symptomatically.

## **5. Fire-fighting measures**

### 5.1. Extinguishing media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

### 5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Product is or contains a sensitizer. May cause sensitization by skin contact.

Hazardous combustion products Carbon dioxide (CO<sub>2</sub>). Oxides of sulfur.

#### Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### 5.3. Advice for firefighters

Special protective equipment for fire-fighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **6. Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

Other information Refer to protective measures listed in Sections 7 and 8.

### 6.2. Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

### 6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite)

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and place in container for disposal according to local / national regulations (see Section 13).

## Methods for cleaning up

Use personal protective equipment as required. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

## Reference to other sections

See section 8 for more information. See section 13 for more information.

## 7. Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Take off contaminated clothing and wash before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep out of the reach of children. Keep in properly labeled containers. Protect from moisture. Keep containers tightly closed in a dry, cool and well-ventilated place.

### 7.3 References to other sections

#### Reference to other sections

Section 10: STABILITY AND REACTIVITY  
Section 13: DISPOSAL CONSIDERATIONS

## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Limestone 1317-65-3	-	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction  (vacated) TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter	TWA: 50 µg/m <sup>3</sup> TWA: 50 µg/m <sup>3</sup> excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust

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		: (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction	
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Chemical name	Argentina	Brazil	Chile	Colombia
Limestone 1317-65-3	TWA: 10 mg/m <sup>3</sup>	-	TWA: 7 mg/m <sup>3</sup>	-
Quartz 14808-60-7	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.08 mg/m <sup>3</sup>	TWA: 0.025mg/m <sup>3</sup>

Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Quartz 14808-60-7	TWA: 0.025mg/m <sup>3</sup>	TWA: 0.05mg/m <sup>3</sup>	0.025 mg/m <sup>3</sup> TWA (respirable particulate matter)	TWA: 0.025 mg/m <sup>3</sup>

## 8.2. Exposure controls

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Methyl alcohol 67-56-1	STEL: 250 ppm TWA: 200 ppm S*	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup>  (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m <sup>3</sup>  (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m <sup>3</sup>  (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m <sup>3</sup>  STEL: 250 ppm STEL: 325 mg/m <sup>3</sup>

Chemical name	Argentina	Brazil	Chile	Colombia
Methyl alcohol 67-56-1	TWA: 200 ppm Skin STEL: 250 ppm	TWA: 156 ppm TWA: 200 mg/m <sup>3</sup> Skin	TWA: 175 ppm TWA: 229 mg/m <sup>3</sup> Skin	STEL: 250ppm TWA: 200ppm

Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Methyl alcohol 67-56-1	TWA: 200ppm STEL: 250ppm	STEL: 250ppm STEL: 328mg/m <sup>3</sup>  TWA: 200ppm TWA: 262mg/m <sup>3</sup>	250 ppm STEL 200 ppm TWA	Skin STEL: 250 ppm TWA: 200 ppm

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## Appropriate engineering controls

Engineering controls      Showers  
                                 Eyewash stations  
                                 Ventilation systems.

## Individual protection measures, such as personal protective equipment

Eye/face protection      Wear safety glasses with side shields (or goggles).

Hand protection      Wear suitable gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

Skin and body protection      Wear suitable protective clothing.

Respiratory protection      If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General hygiene considerations      Wear suitable gloves and eye/face protection. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Wash hands before breaks and immediately after handling the product. Take off contaminated clothing and wash it before reuse. Regular cleaning of equipment, work area and clothing is recommended.

## **9. Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state      Solid  
Appearance      Paste  
Color      light brown  
Odor      No information available  
Odor threshold      No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	None known
Melting point / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash point	> 93.3 °C / 200 °F	
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known

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Kinematic viscosity	No data available	None known
Dynamic viscosity	1700 - 3800 Pa.s	

## 9.2. Other information

Explosive properties	No information available
Oxidizing properties	No information available
Solvent content (%)	No information available
Solid content (%)	No information available
Softening Point	No information available
Molecular weight	No information available
VOC Content (%)	< 10 g/L / 1 %
Density	1.84 g/cm <sup>3</sup>
Bulk density	No information available

## 10. Stability and reactivity

### 10.1. Reactivity

Reactivity No information available.

### 10.2. Chemical stability

Chemical stability Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Protect from moisture.

### 10.5. Incompatible materials

Incompatible materials None known based on information supplied.

### 10.6. Hazardous decomposition products

Hazardous decomposition products Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Product Information

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Inhalation Based on available data, the classification criteria are not met.

Eye contact Based on available data, the classification criteria are not met.

Skin contact Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. May cause sensitization by skin contact.

Ingestion Based on available data, the classification criteria are not met.

### Symptoms related to the physical, chemical and toxicological characteristics

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**Symptoms** Itching. Rashes. Hives.

## Acute toxicity

### Numerical measures of toxicity

- 1.356E-05 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 1.356E-05 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 1.356E-05 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 1.356E-05 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 1.356E-05 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

## Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Limestone 1317-65-3	>5000 mg/kg (Rattus)	-	-
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	=2295 mg/kg (Rattus)	>2000 mg/Kg (Rattus)	LC50 4H (Aerosol) 1.5 - 2.44 mg/L air
Quartz 14808-60-7	>20000 mg/kg	-	-

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization** May cause sensitization by skin contact.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** As Quartz (14808-60-7) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X

### Legend

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.  
**Target organ effects** Respiratory system, Eyes, Skin.

**Aspiration hazard** Based on available data, the classification criteria are not met.



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Other adverse effects No information available.

Interactive effects No information available.

## 12. Ecological information

### 12.1. Toxicity

#### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Limestone 1317-65-3	CE50 (72h) >200mg/L Algae (Desmodesmus subspicatus)	CL50 (96h) >10000mg/L (Oncorhynchus mykiss)	-	CE50 (48h) >1000 mg/L Daphnia Magna
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	-	LC50 (96H) =597 mg/L (Danio rerio) Semi-static	-	EC50 (48h) =81mg/L Daphnia magna Static

### 12.2. Persistence and degradability

Persistence and degradability No information available.

### 12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

#### Component Information

Chemical name	Partition coefficient
Limestone 1317-65-3	0.9
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	-0.3

### 12.4. Mobility in soil

Mobility No information available.

#### Other adverse effects

Other adverse effects No information available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

#### Waste from residues/unused products

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

#### Contaminated packaging

Dispose of in accordance with federal, state and local regulations.

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## 14. Transport information

**DOT** Not regulated  
**IATA** Not regulated  
**IMDG** Not regulated

## 15. Regulatory information

### International Inventories

<b>TSCA</b>	Listed
<b>DSL</b>	Listed

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

### Europe

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

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

#### **SVHC: Substances of Very High Concern for Authorization:**

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)

## 16. Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### **Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Prepared By** Product Safety & Regulatory Affairs.

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**Revision note**

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 a 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**