



Safety Data Sheet

K102300
ULTRAFINSH PRO CEMENT4/10#BAGS

Revision Date 21-Apr-2016
Supersedes Date: No information available
Version 2

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

1.1. Product Identifier

Product Name ULTRAFINSH PRO CEMENT4/10#BAGS
Product Code K102300

Product(s) Covered

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

Recommended use Cement.
Uses Advised Against No information available

1.3. Details of the Supplier of the Safety Data Sheet

Company Name

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
Email: msds@bostik-us.com

1.4. Emergency Telephone Number

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

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the Substance or Mixture

| | |
|--|------------|
| Skin Corrosion/Irritation | Category 2 |
| Serious Eye Damage/Eye Irritation | Category 1 |
| Skin sensitization | Category 1 |
| Specific target organ toxicity (single exposure) | Category 3 |
| Specific target organ toxicity (repeated exposure) | Category 1 |

2.2. Label Elements

EMERGENCY OVERVIEW

DANGER

Hazard statements

Causes skin irritation
Causes serious eye damage
May cause an allergic skin reaction
May cause respiratory irritation

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Causes damage to organs through prolonged or repeated exposure



Appearance Powder

Physical State Solid

Odor Odorless

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Use only outdoors or in a well-ventilated area
Do not eat, drink or smoke when using this product

Precautionary Statements - Response

Specific treatment (see first aid measures on this label)
Get medical advice/attention if you feel unwell
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

Not applicable

Unknown Toxicity

14.70% of the mixture consists of ingredient(s) of unknown toxicity

2.3. Other Information

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

| Chemical Name | CAS No | Weight-% |
|----------------------------|------------|----------|
| Cement, alumina, chemicals | 65997-16-2 | 10 - 30 |

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| | | |
|-------------------------------------|------------|---------|
| Slags, ferrous metal, blast furnace | 65996-69-2 | 10 - 30 |
| Cement, portland, chemicals | 65997-15-1 | 10 - 30 |
| Ethylene-vinyl acetate copolymer | 24937-78-8 | 10 - 30 |

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

Section 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

| | |
|---|---|
| General Advice | 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. Seek immediate medical attention/advice. |
| Skin Contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician. |
| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. If not breathing, give artificial respiration. If symptoms persist, call a physician. |
| Ingestion | Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. If swallowed, seek medical advice immediately and show this container or label. |
| Self-protection of the First Aider | Use personal protective equipment as required. |

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

Symptoms No information available.

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

Note to physicians May cause sensitization of susceptible persons.

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. Foam. Water spray (fog). Carbon dioxide (CO₂). Extinguishing powder.

Unsuitable Extinguishing Media

None known.

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. Hydrogen sulfide.

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Explosion Data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

5.3. Advice for Firefighters

Protective Equipment and Precautions for Firefighters

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

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Avoid contact with eyes and skin. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

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. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. 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.

Methods for Cleaning up Use personal protective equipment as required. Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water. Prevent product from entering drains. Avoid creating dust. Take precautionary measures against static discharges.

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 contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Avoid generation of dust. Use only in well-ventilated areas. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage Conditions Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Product cures with moisture.

Incompatible Materials Acids. Aluminum. alkali.

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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 Guidelines

| Chemical Name | ACGIH TLV | NIOSH IDLH | OSHA PEL | Mexico |
|---|--|--|--|---|
| Cement, alumina, chemicals 65997-16-2 | 10 mg/m ³ (total; 5 mg/m ³ (resp) | - | 15 mg/m ³ (total); 5 mg/m ³ (resp) | - |
| Slags, ferrous metal, blast furnace 65996-69-2 | 2 mg/m ³ ((total)calcium oxide) | - | 15 mg/m ³ (total); 5 mg/m ³ (resp) | - |
| Cement, portland, chemicals 65997-15-1 | TWA: 1 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction | IDLH: 5000 mg/m ³ TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction TWA: 50 mppcf <1% Crystalline silica | TWA: 10 mg/m ³ STEL: 20 mg/m ³ |

| Chemical Name | Argentina | Brazil | Chile | Venezuela |
|---|---------------------------|--------|--------------------------|---------------------------|
| Cement, portland, chemicals 65997-15-1 | TWA: 10 mg/m ³ | - | TWA: 8 mg/m ³ | TWA: 10 mg/m ³ |

8.2. Exposure Controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Personal protective equipment [PPE]

Eye/Face Protection Tight sealing safety goggles. Face protection shield.

Skin and Body 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 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 When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Regular cleaning of equipment, work area and clothing is recommended. Handle in accordance with good industrial hygiene and safety practice.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State Solid
Appearance Powder
Color Grey
Odor Odorless

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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 | > 93.3 °C / > 199.9 °F | |
| 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 | Cement based products react and solidify in contact with water | |
| Solubility in Other Solvents | | |
| 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 | |
| <u>9.2. Other Information</u> | | |
| Softening Point | No information available | |
| Molecular Weight | No information available | |
| Solvent Content (%) | No information available | |
| Solid Content (%) | 100 | |
| Density | 1.10 g/cm ³ | |
| VOC | No information available | |

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

None under normal use conditions.

10.2. Chemical Stability

Stable under recommended storage conditions.

10.3. Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to Avoid

Incompatible Materials. Protect from moisture. Product cures with moisture. Keep away from heat, sparks and flames.

10.5. Incompatible Materials

Acids. Aluminum. alkali.

10.6. Hazardous Decomposition Products

Carbon oxides. Hydrogen sulfide.

Section 11: TOXICOLOGY INFORMATION

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11.1. Information on Toxicological Effects

| | |
|---------------------|--------------------|
| Product Information | No Data Available |
| Inhalation | No Data Available. |
| Eye contact | No Data Available. |
| Skin Contact | No Data Available. |
| Ingestion | No Data Available. |

Component Information

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

| | |
|-----------------------------------|---|
| Symptoms | No information available. |
| Skin Corrosion/Irritation | No information available. |
| Serious Eye Damage/Eye Irritation | No information available. |
| Irritation | No information available. |
| Corrosivity | No information available. |
| Sensitization | No information available. |
| Germ Cell Mutagenicity | No information available. |
| Reproductive Toxicity | No information available. |
| Developmental Toxicity | No information available. |
| Teratogenicity | No information available. |
| STOT - Single Exposure | No information available. |
| STOT - Repeated Exposure | No information available. |
| Chronic Toxicity | Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. |
| Target Organ Effects | Eyes, Respiratory system, Skin. |
| Aspiration Hazard | No information available. |
| Carcinogenicity | This product does not contain any carcinogens or potential carcinogens as listed by ACGIH, OSHA, IARC or NTP at or above 0.1 wt%. |

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

| Chemical Name | Algae/Aquatic Plants | Fish | Toxicity to Microorganisms | Crustacea |
|--|--|--|----------------------------|---|
| Cement, alumina, chemicals 65997-16-2 | EC50 (72h)Algae (Pseudokirchneriella subcapitata) >5.6mg/L | LC50 (96h) Fish (Onchorhyncus mykiss) >100 mg/L (OECD 203) | | EC50 (48h) Daphnia magna =6.6mg/L (OECD 202) |

12.2. Persistence and Degradability

No information available.

12.3. Bioaccumulative Potential

No information available.

12.4. Mobility in Soil

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No information available.

12.5 Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Disposal of Wastes 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

Section 14: TRANSPORTATION INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

Section 15: REGULATORY INFORMATION

Global Inventories

| | |
|------|--------|
| TSCA | Listed |
| DSL | 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.

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class

D2A - Very toxic materials

E - Corrosive material



United States of America

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

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SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | yes |
| Chronic Health Hazard | yes |
| Fire Hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

California Proposition 65

This product contains one or more of the substances listed on Proposition 65 at or above 0.01 wt. %

| Chemical Name | CAS No |
|-------------------|------------|
| Lithium carbonate | 554-13-2 |
| Quartz | 14808-60-7 |

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

HMIS Health Hazards 2* Flammability 1 Physical Hazards 0 Personal Protection X

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 21-Apr-2016

Revision Note Not applicable.

Training Advice No information available

Additional information No information available

Disclaimer

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End of Safety Data Sheet