MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product name	**D00130**
MSDS name	ULTRA FINISH
Product name(s) covered	See Section 16 for Product Names Covered.
Product use	Underlayment - Smoothing and Patching Floors
Generic description	Cementitious Based Formulation
Manufacturer	Bostik, Inc. 211 Boston Street Middleton, MA 01949 USA
24 hour emergency assistance	Telephone: 1-800-227-0332 (Outside U.S.) 1-703-527-3887
General assistance	Telephone: 1-978-777-0100
MSDS assistance	Telephone: 1-414-607-1347

2. Hazards Identification

Emergency overview

Exposure to dust may be irritating to eyes, nose, and throat. Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of Silica dust. This product contains trace amounts of hexavalent chromium, a skin sensitizer and human carcinogen. Prolonged/repeated exposure may cause severe allergic skin reactions and/or cancer. Wet product has a high pH and is caustic. Wet product or dry product on moist skin can potentially cause severe irritation and/or irreversible tissue damage due to chemical (caustic) burns.

Potential health effects

Eyes

Airborne dust may cause immediate or delayed irritation or inflammation. Eye contact with large amounts of dry powder or with wet product can cause moderate eye irritation, chemical burns and blindness. Eye exposures require immediate first aid and medical attention to prevent significant damage to the eye.

Skin

Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. Mechanical rubbing may increase skin irritation. Skin contact may cause an allergic response in some individuals due to trace amounts of chromium (6+) salts. Symptoms can range from a mild rash to severe skin ulcers. Persons already sensitized to hexavalent chromium may experience symptoms after minimal exposure.

Wet product has a high pH and is caustic. Exposure of sufficient duration to wet product, or to dry product on moist skin, can cause serious, potentially irreversible tissue damage due to chemical (caustic) burns, including third degree burns.

Inhalation

This product contains free crystalline silica. Prolonged or repeated inhalation of crystalline silica can aggravate lung conditions and lead to silicosis, a seriously disabling and potentially fatal lung disease. Inhalation of free crystalline silica has also been linked to increased occurrence of renal disease and auto immune disorders.

Ingestion

Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. This product may produce corrosive damage to the gastrointestinal tract if it is swallowed.

Target organs

Respiratory tract - Silica can target and damage the lungs. Some studies show an increased incidence in kidney and end-stage renal disease in individuals exposed to respirable Silica. Hexavalent chromium can cause skin sensitization and damage.

3. Composition / Information on Ingredients

Hazardous components	CAS #	Percent
Calcium carbonate	1317-65-3	30 - 60
Plaster of paris	26499-65-0	7 - 13
Portland Cement	65997-15-1	7 - 13
Cellulose	9004-34-6	3 - 7
Clay	1332-58-7	1 - 5
Gypsum (Ca(SO4).2H2O)	13397-24-5	0.1 - 1
Silica, Quartz	14808-60-7	0.1 - 1

Composition comments

Chronic overexposure to Silica can cause chronic lung disease (Silicosis) and/or cancer. Portland Cement contains up to 10 ppm (0.001%) Hexavalent chromium, which is a skin sensitizer and carcinogen.

Parts Per Million (ppm) = 0.0001%

mg/kg = 1 ppm (0.0001%)

g/kg = 1000 ppm (0.1%)

Conversion from mg/m3 to ppm: ppm = (mg/m3 / molecular weight in grams) x 24.45

4. First Aid Measures

First aid procedures

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention or advice.

Skin contact

Wash affected area with mild soap and water. Seek medical attention for rash, burns, irritation, dermatitis, and prolonged, unprotected exposures to wet product.

Inhalation

If inhaled, immediately remove the affected person to fresh air. Call a physician if symptoms develop or persist. Consult a physician after significant exposure.

Ingestion

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

Notes to physician

Short-term exposure to very large amounts of respirable crystalline silica can cause serious lung inflammation and pulmonary edema, resulting in shortness of breath and low blood oxygen levels. Longer-term exposure may result in nodules of chronic inflammation and scarring in the lungs and chest lymph nodes. Symptoms of long-term exposure may resemble those of chronic obstructive pulmonary disease (COPD).

5. Fire Fighting Measures

Hazardous combustion products

Non-combustible, substance itself does not burn.

Extinguishing media

Suitable extinguishing media

Use any media suitable for the surrounding fires.

Basic fire fighting procedures

Not a fire hazard. This material will not burn. Wet product has a high pH and is caustic. Use personal protective equipment to prevent inhalation of airborne product and eye and skin contact with wet or dry product.

Fire fighting equipment/instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

Dust explosion hazard

None Known

Sensitivity to static discharge

None Known

Flash point

Non-Flammable

6. Accidental Release Measures

Emergency action	Isolate area. Keep unnecessary personnel away. Avoid inhalation of dust from the spilled material. Avoid contact with skin and eyes. Wet product has a high pH and is caustic.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Containment procedures	Contain the discharged material. Sweep up material and place in appropriate disposal container. Use sweeping compound or other cleaning aids to pick up residues. Wash down area thoroughly with water. Use appropriate personal protective equipment as necessary.
Reporting	See Federal reporting requirements listed in Section 15. We recommend you contact local authorities to determine if there may be other local reporting requirements.
Personal precautions	Avoid dust formation.

7. Handling and Storage

Handling	Avoid breathing dusts from this material. Avoid getting this material into contact with your skin and eyes. Promptly remove and launder clothing that is dusty or wet with product. Thoroughly wash skin after exposure to dry or wet product.
Storage	Keep the container tightly closed and in a cool, well-ventilated place.
Empty container precaution	Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption, or where skin contact can occur.

8. Exposure Controls / Personal Protection

Engineering controls	Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.
Personal protective equipment	
Eye protection	Wear safety goggles to prevent eye contact with dry or wet product. In extremely dusty or unpredictable environments, wear unvented or indirectly vented goggles to avoid eye irritation or injury.
Skin and body protection	Wear impervious abrasion and alkaline resistant gloves and boots, long sleeved shirt, long pants, safety goggles and other protective clothing as required to prevent skin contact. Remove clothing and protective equipment that becomes dusty from dry product or saturated with wet product and immediately wash exposed areas.
Respiratory protection	None required where adequate ventilation conditions exist. Special applications may necessitate the use of more stringent respiratory protection equipment.
General	Eye wash fountain and emergency showers are recommended.

9. Physical & Chemical Properties

Target solids	100 %
pH	N/A (pH of wet product is 12.0 or greater)
Density	0.87 g/cc
Odor	Mild
Color	Gray
Physical state	Powder
Freeze protect	No

10. Chemical Stability & Reactivity Information

Hazardous reactions/decomposition products	Wet product has a high pH and is caustic. This product is incompatible with acids, ammonia salts, and aluminum metal.
Stability	Stable under normal conditions.

11. Toxicological Information

Chronic effects Chronic overexposure to Silica has been associated with the development of chronic lung disease (Silicosis) and cancer. Hexavalent chromium can cause skin sensitization, dermatitis, and cancer. Individuals already sensitized to Hexavalent chromium can have an adverse reaction to even small exposures.

12. Ecological Information

Ecotoxicological information Because of the high pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

13. Disposal Considerations

It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable local, state and federal regulations.

Waste disposal Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

14. Transport Information

DOT

Not regulated as hazardous goods.

IATA

Not regulated as hazardous goods.

IMDG

Not regulated as hazardous goods.

15. Regulatory Information

The product(s) covered by this M(SDS) do not include any of the substances above a concentration of 0.1% weight by weight (w/w) in the Candidate List of Substances of Very High Concern (SVHC) for authorization published or proposed by ECHA as follows: the list of 15 substances for authorization published on October 28, 2008, the list of 15 substances proposed on August 31, 2009, the list of 14 substances proposed on January 13, 2010, the list of 8 substances proposed on March 8, 2010, the list of 8 substances proposed on June 18, 2010, the list of 11 substances proposed on October 14, 2010.

Federal regulations All components are on the U.S. EPA TSCA Inventory List.

State regulations If this product contains any California Proposition 65 chemicals at reportable levels they will be listed below:
Lithium Carbonate

International regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and contains all the information required by the Controlled Products Regulations.

HMIS Ratings
Health: 3*
Flammability: 0
Physical hazard: 0
Personal protection: X

SARA 311/312 HAZARD CATEGORIES
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

WHMIS status Controlled

WHMIS labeling

WHMIS classification
D2A - Other Toxic Effects-VERY TOXIC
D2B - Other Toxic Effects-TOXIC
E - Corrosive

16. Other Information

Disclaimer	The data in this MSDS has been compiled from publicly available sources. This data relates only to the designated product and not to the use of said product in combination with other materials. 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 which exist. Responsibility for proper precautions and safe use of the product lies with the user. All data in this MSDS is typical of the product as a whole, and does not represent any individual lot or batch, therefore, Bostik, Inc. makes no warranty about the accuracy of the data herein and assumes no liability for the use of such data. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.
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Supercedes	06/02/2010
This data sheet contains changes from the previous version in section(s):	Regulatory Information: State regulations Regulatory Information: Default Statements