



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product name G60269
MSDS name FAST PATCH 102
Product name(s) covered See Section 16 for Product Names Covered.
Product use Polymer Modified Cement Based Floor Leveler
Generic description Grout/Cement
Manufacturer Bostik, Inc.
211 Boston Street
Middleton, MA 01949 USA
24 hour emergency assistance Telephone: 1-800-227-0332
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.

Potential health effects

Eyes Dust or powder may irritate eye tissue.

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.

Inhalation Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of Silica dust. 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 May cause nausea, vomiting, pain, stomach upset, and diarrhea.

Target organs Respiratory tract and skin. The lungs may be targeted and damaged by components of this product. 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
Portland Cement	65997-15-1	10 - 30
Calcium sulfate	7778-18-9	1 - 5
Gypsum (Ca(SO ₄).2H ₂ O)	13397-24-5	0.5 - 1.5
Silica, Quartz	14808-60-7	0.01 - 0.1

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 with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately.

Skin contact

Wash affected area with mild soap and water. If irritation persists, get medical attention.

Inhalation

Remove to fresh air. Get medical attention immediately for a large dose exposure or if cough or other symptoms develop.

Ingestion

Due to the physical nature of this material, ingestion is unlikely to occur. If ingestion of a large amount does occur, get medical attention immediately. Do not induce vomiting unless directed to do so by medical personnel.

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.

Dust explosion hazard

None Known

Sensitivity to static discharge

None Known

Flash point

Non- Flammable

6. Accidental Release Measures

Emergency action

Avoid inhalation of dust from the spilled material. Wear a dust mask if dust is generated above exposure limits.

Containment procedures

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.

7. Handling and Storage

Handling

Avoid breathing dusts from this material. Remove dust fines from air or wear a dust mask. Avoid contact with skin and eyes.

Storage

Store in a clean, dry area. Keep containers closed.

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 goggles or safety glasses with side shields.
Skin and body protection	Wear impervious gloves for prolonged contact. Recommended gloves include rubber, neoprene, nitrile or viton. Normal work clothing (long sleeved shirts and long pants) is recommended.
Respiratory protection	Respiratory protection is not normally required for ambient air concentrations not exceeding the Occupational Exposure Limit. If ventilation is not sufficient to effectively prevent buildup of dusts, wear appropriate NIOSH/MSHA respiratory protection.

9. Physical & Chemical Properties

Target solids	100 %
pH	10
Density	2.6 g/cc
Odor	Mild
Color	Gray
Physical state	Powder
Freeze protect	No
VOC (Volatile Organic Compounds)	0 %

10. Chemical Stability & Reactivity Information

Stability Stable under normal conditions. This product may react with strong acids.

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.

Carcinogenicity

US NTP Report on Carcinogens: Known carcinogen

Silica, Quartz 14808-60-7 SILICA, CRYSTALLINE (RESPIRABLE SIZE) Known carcinogen.

12. Ecological Information

Ecotoxicological information No data available for this product.

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 This product as supplied is not considered a hazardous waste under RCRA. Dispose of in compliance with all local, state, and federal regulations. Recommended disposal method is incineration.

14. Transport Information

DOT

Not regulated as hazardous goods.

IATA

Not regulated as hazardous goods.

IMDG

Not regulated as hazardous goods.

15. Regulatory Information

Federal regulations All components are on the U.S. EPA TSCA Inventory List.
State regulations If this product contains any ingredients listed under California Proposition 65, they will be noted below:

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Silica, Quartz 14808-60-7 Listed: October 1, 1988 Carcinogenic.
Formaldehyde 50-00-0 Listed: January 1, 1988 Carcinogenic.

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Lithium carbonate 554-13-2 Listed: January 1, 1991 Developmental toxin.

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: 2*
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

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.

Further information Any characters following " G60269 " are just designations for the various types of packaging that are available for this product. These characters do not indicate a different product nor a different regulatory, health, safety and/or environmental status. This document covers the G60269 for all of its packaging types.

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