



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product name	Webpatch 90 Mortar Series
Product name(s) covered	See Section 16 for Product Names Covered.
MSDS name	Webpatch 90 Product Series
CAS number	Mixture
Generic description	Thinset/Mortar
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. COMPOSITION / INFORMATION ON INGREDIENTS

Component(s)	CAS #	Percent
Plaster of paris	26499-65-0	60 - 100
Calcium carbonate	1317-65-3	10 - 30
Silica, Quartz	14808-60-7	0.5 - 1.5
Composition comments	Chronic overexposure to Silica can cause chronic lung disease (Silicosis) and/or cancer.	

3. 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.
Potential health effects	
Skin	Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. Mechanical rubbing may increase skin irritation.
Eyes	Dust or powder may irritate eye tissue.
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	May cause nausea, vomiting, pain, stomach upset, and diarrhea.
Target organs	Skin. 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.

4. FIRST AID MEASURES

First aid	
Skin	Wash affected area with mild soap and water. If irritation persists, get medical attention.
Eye	Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately.
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.
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	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 mechanical impact	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	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 & STORAGE

Handling	Avoid breathing dusts from this material. Remove dust fines from air or wear a dust mask.
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.
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.

Exposure limits

ACGIH - Threshold Limits Values - Time Weighted Averages (TLV-TWA)

Silica, Quartz 14808-60-7 0.025 mg/m3 TWA (respirable fraction)

NIOSH - Pocket Guide - TWAs

Calcium carbonate 1317-65-3 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)

Plaster of paris 26499-65-0 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)

Silica, Quartz 14808-60-7 0.05 mg/m3 TWA (respirable dust)

OSHA - Final PELs - Time Weighted Averages (TWAs)

Calcium carbonate 1317-65-3 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

Plaster of paris 26499-65-0 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

OSHA - Vacated PELs - TWAs

Calcium carbonate 1317-65-3 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

Plaster of paris 26499-65-0 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

Silica, Quartz 14808-60-7 0.1 mg/m3 TWA (respirable dust)

9. PHYSICAL & CHEMICAL PROPERTIES

pH	8
Density	2.9 g/cc
Odor	Mild
Color	White

Physical state Powder
Freeze protect No
VOC (Volatile Organic Compounds) < 0.1 %

10. STABILITY & REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Toxicological data If any toxicological data is available, it will be listed below:

LD50

Toxicology Data - Selected LD50s and LC50s

Silica, Quartz 14808-60-7 Oral LD50 Rat: 500 mg/kg

Chronic effects Chronic overexposure to Silica has been associated with the development of chronic lung disease (Silicosis) and cancer.

Carcinogenicity If this product contains any carcinogens, they will be noted below:

IARC - Group 1 (Carcinogenic to Humans)

Silica, Quartz 14808-60-7 Monograph 68 [1997] (listed under Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources)

NIOSH - Pocket Guide - Potential Occupational Carcinogens

Silica, Quartz 14808-60-7 potential occupational carcinogen

NTP (National Toxicology Program) - Report on Carcinogens - Known Carcinogens

Silica, Quartz 14808-60-7 Known Carcinogen

OSHA - Hazard Communication Carcinogens

Silica, Quartz 14808-60-7 Present

12. ECOLOGICAL INFORMATION

VOC (Volatile Organic Compounds) < 0.1 %

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

Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. REGULATORY INFORMATION

This MSDS is prepared and distributed pursuant to the Federal Hazard Communication Standard, 29 CFR 1910.1200.

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:

California - Proposition 65 - Carcinogens List

Silica, Quartz 14808-60-7 carcinogen, initial date 10/1/88 (airborne particles of respirable size)

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

Product name(s) covered

D63050 - WEBPATCH 90
D63057 - WEBPATCH 90 32LB

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 an individual item number are just designations for the various types of packaging that are available for this product. For example, a product "G12345-XX" is item number "G12345" with a packaging designation of "XX". These characters do not indicate a different product nor a different regulatory, health, safety and/or environmental status. This document covers the item numbers listed above for all of their packaging types.

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Prepared by

Pam Larsen

Supersedes

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MSDS sections updated

Other Information: Further Information