

SECTION I

IDENTITY: E-Z PATCH® # 9 F.S. POOL PEBBLE PLASTER

Pebble Chemical Names and Synonyms:

- A. Pebble: Silica Dioxide, Silicon Dioxide, Silicon Dioxide – Crystalline, Crystalline Silica & Quartz
- B. Pebble: Standard Commodity Code (Underground Silica Sand): 14-413-10
- C. Pebble D.O.T. Classification: Non-Flammable Solid (not listed in 49 CFR 172.101)
- D. Pebble H.M.I.S. Classification: 4-0-0-E
- E. Pebble N.F.P.A.: 2,0,0 Respirator to remove < 10 micron dust.
- F. Pebble U.N./NA: Not Listed.
- G. Pebble Chemical Family: Natural Rock Forming Mineral, Natural Mineral Extracted from Earth (inorganic), Silica: Natural Mineral Quartz.
- H. Pebble I.M.O. Classification: Not Listed.
- I. Pebble Standard Industrial Code (S.I.C.): 1446 Industrial Sand and Gravel).
- J. Pebble C.A.S. Number: 14808-60-7.
- K. Pebble WHMIS Classification: Class D-2 Materials causing other toxic effects.
- L. Pebble IARC Classification 2A: Limited evidence of a causal relationship, exposure to crystalline silica and cancer in humans.
- M. Pebble ACGIH Classification A@: Suspected human carcinogen.
- N. NPT Classification: “Known to be a human carcinogen”
- O. Liquid Acrylic Bonder:
 - a. Hazard summary (as defined by OSHA Hazard Communication Standard, 29 CFR 1901.1200):
 - i. Physical Hazards: None
 - ii. Health Hazards: Based on acrylic emulsion, mild irritant (eye, skin) from direct contact, irritant, nose, throat and lungs from inhalation of spray mists or generated during spray application of product.

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components: Portland Cement (CAS-65997-15-1)

OSHA PEL: 50 Mppcf

ACGIH TLV: 10mg/m³ - TWA

Hazardous Components: Limestone (CAS 474-34-1)

OSHA PEL: 5mg/m³ - (respirable): 15mg/m³ (total dust)

ACGIH TLV: 10mg/m³ – TWA

^Pebble Silicon Dioxide/Crystalline Silica/Quartz, 90-99%.

Pebble current OSHA PEL 8-Hr. TWA (29 CFR 1910.1000, Table Z-3:

Crystalline Quartz (Respirable) 10mg/m³

%SiO₂+2

Quartz (Total Dust) 30mg/m³

Hazardous Components: Aluminum Oxide (CAS 1344-28-1)

OSHA PEL: 10, 5mg/m³ respirable dust

ACGIH TLV: 10 mg/m³

Pebble: The amount of quartz in the formula is the amount determined from an airborne sample.

SECTION II CONT.

Pebble: Both concentration and percent quartz for the application of this limit are to be determined from fractions passing a size selector as described in 29 CFR 1910.1000, Table Z-3.

Pebble: Proposed ACGIH 8 Hr. TWA: 0.05 milligram respirable quartz per cubic meter of air (0.05 mg/m³).

PEL = Permissible Exposure Limit

TWA = Time Weighted Average

Acrylic Bonder:

- A. Acrylic polymer in aqueous emulsion (NR) 28% solids
- B. Ammonia (7664-41-7) %wgt. Lt 0.15, ACGIH 25ppm, TLV (a) 35 ppm STEL, OSHA 35 ppm STEL.
- C. Ingredients not precisely identified are proprietary or nonhazardous. Values are not product specifications. Gt = greater than, Lt – less than, ca = approximately, NR = Not required, NE = Not established, STEL = Short term exposure limit.

Do not eat, drink or smoke using this product.

SECTION III - Physical/Chemical Characteristics

Boiling Point: NA Specific Gravity: 3.1
 Pebble: Boiling Point: 4046°F/2230°C Specific Gravity: (H₂) = 1): 2.65
 Vapor Pressure: NA Melting Point: ND
 Vapor Density: NA Evaporation Rate: NA
 Solubility in water: < 1%
 Appearance & Odor: Several Different Colors– No Odor
 Acrylic Bonder:

- A. Boiling Point: 212°F (water) Freezing Point: 32°F (water)
 - B. Vapor Pressure (mmHg at 20°C): = 17 (water)
 - C. Volatile by Volume: ca 72% (water)
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SECTION IV - Fire and Explosion Hazard Data

Flash Point: NA Flammable Limits: NA
 Extinguishing Media: NA
 Special Fire Fighting Procedures: NA
 Unusual Fire and Explosion Hazards: NA

SECTION V – Health Hazard Assessment

Ingestion: Contact a physician immediately.
 Eye Contact: Prolonged or repeated contact may irritate eyes. Rinse with water repeatedly and contact a physician.
 Skin Contact: Rinse with water. Use of gloves is recommended.
 Do not inhale dust from product.

NA=Not Applicable

ND=Not Determined

(revised, 01/26/11)

Disclaimer: E-Z Products believes the information contained herein is accurate. However, E-Z Products makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained by the use thereof. E-Z Products assumes no responsibility for injury from the use of the product described herein.

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