



U.S. GROUT, LLC

Material Safety Data Sheets

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department Of Labor

Occupational Safety and Health Admin.
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Date: 1 Mar 2010

US GROUT LLC

EMERGENCY NUMBERS: (208) 766-4777

P.O. BOX 209, 100 HESS DRIVE

HEALTH: (208) 766-4777

MALAD, ID USA 83252

TECHNICAL: (208) 766-4777

SUBSTANCE: ULTRAFINE CEMENTITIOUS GROUT

TRADE NAMES/SYNONYMS: PREMIUM & STANDARD

SECTION 2: COMPOSITION INFORMATION ON INGREDIENTS

COMPONENT: PUMICE

CAS NUMBER: 1332-09-8

PERCENTAGE: <55

COMPONENT: PORTLAND CEMENT

CAS NUMBER: 65997-15-1

PERCENTAGE: <45

COMPONENT: MODIFIED POLYMER POWDER

CAS NUMBER: NOT ESTABLISHED

PERCENTAGE: 0.5-1.5

COMPONENT: WATER

CAS NUMBER: 7732-18-5

PERCENTAGE: 0.09 – 0.12

SECTION 3: HAZARDS IDENTIFICATION

NFPA RATINGS (SCALE 0-4): HEALTH=2 FIRE=0 REACTIVITY=0

EMERGENCY OVERVIEW:

COLOR: Gray

PHYSICAL FORM: Powder

ODOR: Odorless.

OTHER HEALTH HAZARDS: Skin irritation, eye irritation

POTENTIAL HEALTH EFFECTS:

INHALATION:

SHORT TERM EXPOSURE: Irritation.

LONG TERM EXPOSURE: Same as effects reported in short term exposure

SKIN CONTACT:

SHORT TERM EXPOSURE: Irritation

LONG TERM EXPOSURE: Same as effects reported in short term exposure

EYE CONTACT:

SHORT TERM EXPOSURE: Irritation

LONG TERM EXPOSURE: Same effects as short term exposure

INGESTION:

SHORT TERM EXPOSURE: Gastrointestinal irritation

LONG TERM EXPOSURE: No information on significant adverse effects

CARCINOGEN STATUS: OSHA: N

NTP: N

IARC: N

SECTION 4: FIRST AID MEASURES

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention immediately.

SKIN CONTACT: Remove contaminated clothing, jewelry, and shoes. Wash with soap or mild detergent. Get medical attention, if irritation occurs (redness, rash, blistering).

EYE CONTACT: Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention immediately.

INGESTION: Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head lower than hips to help prevent aspiration. If victim is fully conscious give one or two cups of water or milk to drink. Get medical attention, if needed.

SECTION 5: FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Non-flammable

EXTINGUISHING MEDIA: N/A

FIREFIGHTING: N/A

FIREFIGHTING PROTECTIVE EQUIPMENT-. Full firefighting turn-out gear (bunker gear). Any supplied-air respirator with full face-piece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply. Any self-contained breathing apparatus with a full face-piece.

FLASH POINT: not applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL RELEASE :

Collect spilled material in appropriate container for disposal.

SECTION 7: HANDLING AND STORAGE

Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Use methods to minimize dust.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE LIMITS:

PUMICE: No occupational exposure limits established by OSHA, ACGIH, or NIOSH.

PORTLAND CEMENT:

- 5 mg/m³ OSHA TWA (respirable particulate)
- 10 mg/m³ OSHA TWA (total particulate)
- 10 mg/m³ ACGIH TWA (total particulate) (no asbestos and <1% crystalline silica)
- 5 mg/m³ NIOSH recommended TWA 10 hour(s) (respirable particulate)
- 10 mg/m³ NIOSH recommended TWA 10 hour(s) (total particulate)

MODIFIED POLYMER POWDER:

- 3 mg/m³ ACGIH TLV-TWA (respirable particulate)
- 10 mg/m³ ACGIH TLV-TWA (total particulate)
- 15 mg/m³ OSHA PEL-TWA (total particulate)
- 5 mg/m³ OSHA PEL-TWA (respirable fraction)

VENTILATION: Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

EYE PROTECTION: Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

CLOTHING: Special clothing not required.

GLOVES: Special gloves not required.

RESPIRATOR: Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory equipment must be certified by NIOSH/MSHA.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

COLOR: Gray

PHYSICAL.FORM: Powder

ODOR: Odorless

PH: 9-10

BOILING POINT: No data available

FLAMMABILITY: Not applicable

FLASH POINT: Not applicable

MELTING POINT: Not Applicable

EXPLOSIVE PROPERTIES: None

FREEZING POINT: Not applicable

OXIDATION: Not applicable

COEFFICIENT PARTITION IN OCTANO WATER: Not applicable

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

SPECIFIC GRAVITY (water = 1): 2.87

WATER SOLUBILITY: 0.15 – 1.0

VOLATILITY: Not applicable

VISCOSITY: Not applicable

ODOR THRESHOLD: No data available

EVAPORATION RATE: Not applicable

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Stable at normal temperatures and pressure.

CONDITIONS TO AVOID: None reported.

HAZARDOUS DECOMPOSITION: Thermal decomposition products: not applicable.

POLYMERIZATION: Will not polymerize.

SECTION 11: TOXICOLOGICAL INFORMATION

ULTRAFINE CEMENTATIOUS GROUT:

CARCINOGEN STATUS: None

ACUTE TOXICITY LEVEL: No data available

PUMICE:

CARCINOGEN STATUS: None

ACUTE TOXICITY LEVEL: No data available

TARGET ORGANS: No data available

PORTLAND CEMENT:

CARCINOGEN STATUS: None

LOCAL EFFECTS: Irritant - skin, eye

ACUTE TOXICITY LEVEL: No data available

TARGET ORGANS: No data available

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory problems

MODIFIED POLYMER POWDER

CARCINOGEN STATUS: No data available

ACUTE TOXICITY LEVEL: No data available

TARGET ORGANS: No data available

SECTION 12: DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulations. Dispose in accordance with all applicable regulations.

SECTION 13: TRANSPORT INFORMATION

No classification currently assigned.

SECTION 14: REGULATORY INFORMATION

U.S. REGULATIONS - TSCA INVENTORY STATUS:

TSCA 12(b) EXPORT NOTIFICATION:	Not listed
CERCLA, SECTION 103 (40CFR302.4):	N
SARA SECTION 302 (40CFR355.30):	N
SARA SECTION 304 (40CFR355.40):	N
SARA SECTION 313 (40CFR372.65):	N

SARA HAZARD CATEGORIES, SARA SECTIONS 311/312 (40CFR370-21):

ACUTE:	Y
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CHRONIC:	N
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FIRE:	N
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REACTIVE	N
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SUDDEN RELEASE	N
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OSHA PROCESS SAFETY (29CFR1910.119):	N
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STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:	N
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