

MSDS

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Date: 1 May 2001

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: FORMALDEHYDE-2-NAPHTHALENESULFONIC ACID-SODIUM SALT POLYMER

CAS NUMBER: 36290-04-7

PERCENTAGE: 0.5-1.5

COMPONENT: SODIUM NITRATE

CAS NUMBER: 7631-99-4

PERCENTAGE: <1

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: It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

SKIN CONTACT: Remove contaminated clothing, jewelry, and shoes. Wash with soap or mild detergent. Get medical attention, if needed.

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: If vomiting occurs, keep head lower than hips to help prevent aspiration. 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 facepiece 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 facepiece.

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)

FORMALDEHYDE-2-NAPHTHALENESULFONIC ACID-SODIUM SALT POLYMER: No occupational exposure limits established by OSHA, ACGIH, or NIOSH.

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

BOILING POINT: No data available

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

SPECIFIC GRAVITY (water = 1): 2.87

WATER SOLUBILITY: Insoluble

PH: Not applicable

VOLATILITY: 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 CEMENTITIOUS 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

FORMALDEHYDE-2-NAPHTHALENESULFOXIC ACID-SODIUM SALT POLYMER:

CARCINOGEN STATUS: None

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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