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AN INC. 500 COMPANY

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MATERIAL SAFETY DATA SHEET

UPDATE: January 20, 2011
EMERGENCY CHEMTREC: 1-800-424-9300

SECTION I PRODUCT INFORMATION

PRODUCT NAME: SERIES 105 GROUT
CHEMICAL DESCRIPTION: CEMENT MORTAR (PORTLAND), LIME, SILICA
FORMULA: #105 INGREDIENTS:

PORTLAND CEMENT: 32.10%
CAS: 65997-15-1
Approximate weight 15-25%
TVL 10 mg/ml
PEL 15 mg/ml
Vapor pressure: n/a

MEDIUM SAND: 13.30%
CAS: 14808-60-7
APPROX. WT. 65-75%
TVL before
PEL below
Vapor pressure: n/a

FINE SAND: 53.60%
CAS: 14808-60-7

CITRIC ACID: 1.00%
CAS: NJTS254504001-5226

NOTE: Previous air monitoring during employee exposure to this product has indicated typical airborne respirable quartz fractions of up to 2%.

IVL: Threshold limit value established by the American Conference of Governmental Industrial Hygienists, 1906-08.

SECTION II HAZARDOUS INGREDIENTS/EXPOSURE LIMITS

Table with 4 columns: INGREDIENT, PERCENT, CAS#, CARCINOGEN (TLV, PEL, Y/N). Row 1: none

SECTION III PHYSICAL DATA

APPEARANCE: Fine, gray powder mixed with sand and / of rock.
ODOR: N/A
VAPOR PRESSURE: (mm OF Hg.): 17 N/A
VAPOR DENSITY (AIR=1): N/A
SPECIFIC GRAVITY (WATER=1): 2.6-3.0
VOLATILE BY WEIGHT: 0



SOLUBILITY IN WATER: SLIGHT (0.1-1.0%)
EVAPORATION RATE (WATER=1): N/A

***** SECTION IV FIRE AND EXPLOSION HAZARD DATA *****

FLASHPOINT(F/C) [CLOSED CUP]: Non combustible

FLAMMABLE LIMIT: -LLEL N/A
 -UUEL N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE & EXPLOSION HAZARDS: N/A

***** SECTION V HEALTH HAZARD DATA *****

THRESHOLD LIMIT VALUE: Respirable dust --- IVL 10mg/m3

EFFECTS OF OVEREXPOSURE:

- INHALATION:** Irritating to nose, throat and lungs.
- SKIN CONTACT:** Irritating upon repeated and prolonged contact.
- EYE CONTACT:** Moderately irritating.

EMERGENCY AND FIRST AID PROCEDURES:

- INHALATION:** Move subject to fresh air if symptoms occur. If breathing is difficult give oxygen, consult a Physician. If breathing has stopped, immediately give oxygen and send for medical assistance.
- EYES/SKIN CONTACT:** Flush eyes with large amounts of water for at least 15 minutes. See Physician if irritation persists. Wash affected skin area with soap and water.

***** SECTION VI PHYSICAL HAZARDS – REACTIVITY DATA *****

STABILITY - Stable.

CONDITIONS TO AVOID IF UNSTABLE: N/A

INCOMPATIBLE (MATERIALS TO AVOID): Highly Alkaline. Strong acids may cause violent, exothermic reaction, evolve toxic gases/vapors, depending on type of acid.

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID UNCONTROLLED POLYMERIZATION: N/A

*****SECTION VII STORAGE, HANDLING, SPILL AND DISPOSAL PROCEDURES

Precautions to be taken in handling and storage: Store in manner to prevent contact with strong acids. Avoid contact with water to preserve product.

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