



CEMENTITIOUS FOAM INSULATION

Material Safety / Data Sheet

Date last revised: January 1, 2011

I. General Information

Chemical Name & Synonyms

Modified Oxychloride Cement

Chemical Family

Calcium, Magnesium oxide, Alumina

Proper DOT Shipping Name**Manufacturer**

Air Krete, Inc.

PO Box 380

Weedsport, NY 13166-0380

Trade Name & Synonyms

AirKrete Insulation

Formula

Proprietary

DOT Hazard Classification**Manufacturer's Phone Number**

(315)834-6609

II. Ingredients

Principal Hazardous Components - Percent

Non-Hazardous

N/A

Threshold Limit Value (units)

N/A

III. Physical Data

Boiling Point (°F)

N/A

Thermal Resistance

R-factor – 3.9 per inch

K-factor at 75°F – 0.257

Vapor Pressure (mmHg.)

N/A

Vapor Density (Air = 1)

N/A

Solubility in Water pH

Insoluble 10.5 – 11.0

Specific Gravity (H²O=1)

2.0lbs per cubic foot

Shrinkage

Shrinkage 0.00

Shrinkage Percent 0.00

Closed cavity – 0.00 ASTM C 951

Percent Volatile by Volume (%)

Non-volatile

No Formaldehyde or organic vapors

Evaporation Rate (____ = 1)**Appearance & Odor**

Light green in color. Odorless



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IV. Fire & Explosion Hazard Data

Flash Point Test

N/A

Auto Ignition Temperature

Non-combustible

Flammable Limits

N/A

Extinguishing Media

N/A

LEL

N/A

UEL

N/A

Special Fire Fighting Procedures

N/A

Unusual Fire & Explosion Hazards

Non-combustible ASTM E-84

Flame Spread – 0, Smoke Developed – 0, Fuel Contributed – 0

(Test extended to 30 minutes)

V. Data Health Hazard

OSHA Permissible Exposure Limit

N/A

ACGIH Threshold Limit Value

N/A

Carcinogen NTP Program

N/A

Carcinogen IARC Program

N/A

Symptoms of Exposure

None Known

Primary Route(s) of Entry

N/A

Emergency First Aid

N/A

VI. Reactivity Data

Stability

Stable

Unstable Conditions to Avoid

N/A

Incompatibility

N/A

Materials to Avoid

N/A

Hazardous Polymerization May Occur

Will not occur

Conditions to Avoid

N/A

Hazardous Decomposition Produces

None

VII. Environmental Protection Procedures

Spill Response

N/A

Waste Disposal Method: This product is considered non-hazardous as waste charged by an analytical parameters using EPA methods or standard measure per 15th edition and AEP toxicity. Normal landfill – Report dated 1/10/84, file #405.030, sample #12183.

VIII. Special Protection Procedures

Eye Protection

N/A

Respiratory Protection (Special Type)

N/A

Other Protection

N/A

Skin Protection

(Gloves – optional)

Ventilation Recommended

Dust mask

IX. Special Precautions

Hygienic Practices in Handling & Storage

N/A

Precautions for Repair & Maintenance of Contaminated Equipment

N/A

Other Precautions

N/A