



CEMENTITIOUS FOAM INSULATION

Material Safety / Data Sheet

Date last revised: March 22, 2007

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

Formula

Proprietary

DOT Hazard Classification

Manufacturer's Phone

(315)834-6609

II. Ingredients

Principal Hazardous Components %

Non-Hazardous N/A

Threshold Limit Value

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)

2.0 lbs per cubic foot

Shrinkage:

less than .25% (.0025)
Open cavity less than .25%

Percent Volatile by Volume

Non-volatile
No Formaldehyde or organic vapors

Evaporation Rate (_____ = 1)

Closed cavity – 0.00 ASTM C 951

Appearance & Odor

Light green in color. Odorless

IV. Fire & Explosion Hazard Data

Flash Point Test

N/A

Flammable Limits

N/A

Extinguishing Media

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)

Auto Ignition Temperature

Non-combustible

LEL

N/A

UEL

N/A

V. Data Health Hazard

OSHA Permissible Exposure Limit

N/A

Carcinogen NTP Program

N/A

Symptoms of Exposure

None Known

Primary Route(s) of Entry

N/A

Emergency First Aid

N/A

ACGIH Threshold Limit Value

N/A

Carcinogen IARC Program

N/A

VI. Reactivity Data

Stability

Stable

Incompatibility

N/A

Hazardous Polymerization May Occur

Will not occur

Hazardous Decomposition Produces

None

Unstable Conditions to Avoid

N/A

Materials to Avoid

N/A

Conditions to Avoid

N/A

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