MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT
CHEMICAL NAME: Vitreous Aluminosilicate Fibers FORMULA: NA
SYNONYM OR CROSS REFERENCE: Ceramic Fiber, Refractory Fiber, MMVF, Refractory Ceramic Fiber, RCF

SECTION II. HAZARDOUS INGREDIENTS
MATERIAL: Fiber Frax® 550 F,J & K Paper NATURE OF HAZARD: May be harmful if inhaled or ingested

SECTION III. PHYSICAL DATA
BOILING POINT: NA MELTING POINT: No data
VAPOR PRESSURE (mm Hg): NA SPECIFIC GRAVITY: No data
VAPOR DENSITY (AIR = 1): NA PERCENTAGE VOLATILE BY VOLUME (%): No data
WATER SOLUBILITY: NA EVAPORATION RATE: NA
APPEARANCE: White felt paper.

SECTION IV. FIRE AND EXPLOSION HAZARD DATA
FLASH POINT (method used): FLAMMABLE LIMITS
(°F) No data Uel Lel
No data NA NA
FIRE EXTINGUISHING MEDIA: Use extinguishing agent suitable for type of surrounding fire.
SPECIAL FIRE-FIGHTING PROCEDURES: None

SECTION V. HEALTH HAZARD
THRESHOLD LIMIT VALUE: No data
HEALTH HAZARDS: Warning, maybe harmful if inhaled, may be irritating to the skin, eyes and respiratory tract. Possible cancer hazard based on tests with laboratory animals.
FIRST AID PROCEDURES: Ingestion - Do not induce vomiting, flush areas with water, call physician.
SECTION VI. REACTIVITY DATA

STABILITY:

<table>
<thead>
<tr>
<th>CONDITIONS TO AVOID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable under normal conditions of use</td>
</tr>
<tr>
<td>UNSTABLE X</td>
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</tbody>
</table>

INCOMPATIBILITY (materials to avoid): Hydrofluoric Acid, Phosphoric acid and Concentrated Alkali, strong oxidizing agents (peroxides, permanganates, etc.)

HAZARDOUS DECOMPOSITION PRODUCTS: Cristobalite, a form of crystalline silica - at elevated temperatures (>815°C)

HAZARDOUS MAY OCCUR CONDITIONS TO AVOID:

<table>
<thead>
<tr>
<th>POLYMERIZATION</th>
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<tbody>
<tr>
<td>WILL NOT OCCUR X</td>
</tr>
<tr>
<td>None</td>
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</tbody>
</table>

SECTION VII. SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Vacuum spilled material, dust suppressant

WASTE DISPOSAL METHOD: No special procedures

DISPOSE OF BY MEANS AS TO COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS OR CONTACT AN APPROVED AND LICENSED DISPOSAL AGENCY.

SECTION VIII. PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): Respirators for high dust level usage

VENTILATION:

<table>
<thead>
<tr>
<th>VENTILATION</th>
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<tbody>
<tr>
<td>LOCAL X</td>
</tr>
<tr>
<td>SPECIAL</td>
</tr>
<tr>
<td>MECHANICAL (general) OTHER</td>
</tr>
</tbody>
</table>

PROTECTIVE GLOVES: Gloves recommended

EYE PROTECTION: Safety Glasses recommended

OTHER PROTECTIVE EQUIPMENT: Face mask

SECTION IX. HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING: Handle with gloves and face mask

SECTION X. MISCELLANEOUS INFORMATION

INFORMATION FURNISHED BY: C. F. Carney

TITLE: Senior Product Engineer

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REV. NO. A

DATE: October 28, 1994

P/N 901510.001

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