

**LEACH & DILLON PRODUCTS  
161 COMSTOCK PARKWAY  
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**MATERIAL SAFETY DATA SHEET**

**DATE: March 31, 2000**

**MSDS LD# 69**

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**CHEMICAL AND PRODUCT INFORMATION**

**PRODUCT NAME** Custom- Peg II Refractory  
**CHEMICAL NAME** Vitreous Aluminosilicate Fibers

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**PHYSICAL DATA**

**APPEARANCE/ODOR** Off white putty, no odor  
**BOILING POINT** N. App  
**MELTING POINT** 1760 C (3200 F)  
**SPECIFIC GRAVITY** 2.73

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**REACTIVITY-FIRE EXPLOSION DATA**

**PRODUCT STABILITY** Stable under normal conditions  
**CONDITIONS TO AVOID** Contact with reactive material may cause the release of hydrogen gas.  
**INCOMPATIBILITY** Soluble in hydrofluoric acid, phosphoric acid and concentrated alkali.  
**HAZARDOUS DECOMPOSITION** Decomposition products may include carbon monoxide, carbon dioxide, smoke, fumes, aldehydes and carboxylic acids.  
**FIRE EXTINGUISHING MEDIA** Use media appropriate for surrounding fire.  
**FLASH POINT** None

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**EMPLOYEE PROTECTION**

**RESPIRATORY** Mask  
**VENTILATION** Use in a well ventilated area  
**EYES** Safety goggles, avoid contact with eyes. Have eye wash facilities available.  
**SKIN** Gloves , Avoid skin contact. If contact occurs wash area immediately.

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**ACCIDENTAL RELEASE MEASURES**

Do not walk through spilled material. Avoid clean up procedure that may result in water pollution.

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**STORAGE**

Store product at room temperature and avoid prolonged exposure to heat as this will effect performance  
Do not reuse container when empty.

## POTENTIAL HEALTH EFFECTS

TARGET ORGANS	Skin ,eyes and lungs.
INHALATION	If dried product is inhaled in sufficient quantity, may cause respiratory tract irritation. Symptoms may include scratchiness of nose or throat, cough or chest discomfort.
EYE CONTACT	Slightly to moderately irritating. Fiber may be abrasive; prolonged contact may cause damage to the outer surface of the eye.
SKIN CONTACT	Slightly to moderately irritating. Exposure may result in irritation. Inflammation, rash or itching.
INGESTINE	If ingested in sufficient quantity, may cause gastrointestinal disturbances. Symptoms may include nausea, vomiting or abdominal pain.
CHRONIC EFFECTS	The international Agency for Research on Cancer has classified ceramic fiber, mineral wool, and fibrous glass wool as possible human carcinogens based on evidence of carcinogenicity in animals, but insufficient data in humans. IARC has also classified respirable crystalline silica a possible byproduct of Refractory Ceramic Fiber devitrification following sustained , high temp (1800f) use ,as a substance known to be carcinogenic to humans.

### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Pre-existing conditions, including dermatitis, asthma or chronic lung disease may be aggravated by exposure to dried airborne product. Individuals that are atopic (history of allergies) may experience greater amounts of skin and respiratory irritation.

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### FIRST AID MEASURES

INHALATION	Relocate to a dust free environment. Seek medical attention if symptoms persist.
EYE CONTACT	Flush with warm water for 15 mins, do not rub eyes. If irritation persists seek medical attention.
SKIN CONTACT	Wash with soap and water, do not rub or scratch.
INGESTION	No specific intervention is indicated
NOTE TO PHYSICIANS	Skin and respiratory effects are the result of mechanical irritation; fiber exposure does not result in allergic manifestations.

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