

MATERIAL SAFETY DATA SHEET**PRODUCT IDENTIFICATION**

TRADE NAME FINEX	GENERIC NAME Fibercement sheets
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CHEMICAL FORMULA CaO SiO ₂ 2H ₂ O and Ca ₂ SiO ₄ with CaSiO ₃ and C ₆ H ₁₀ O ₅	ISSUED DATE February 2, 2000	REVISED DATE March 2, 2002
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1. INGREDIENTS

MATERIAL or COMPONENT	C.A.S. #	WT %	PERMISSIBLE AIR CONCENTRATION
Calcium silicate matrix (tobermorite) plombierite, etc.)	1344-95-2	6 to 90%	} 10 mg / m ³
Calcium silicate aciculae (xonotlite, etc)	13983-17-0	5 to 20%	
Fibres synthetics	65996-61-4	5 to 20%	
Quartz as unreacted by-product	14808-60-7	trace	0.8 mg / m ³ OSHA

2. PHYSICAL DATA

BOILING POINT N/A	SPECIFIC GRAVITY 1.36 to 1.6 g / cm ³
SOLUBILITY IN WATER Insoluble	PERCENT VOLATILE N / A
APPEARANCE AND ODOR Gray sheeting. No odor	

3. FIRE AND EXPLOSION DATA

FLASH POINT N / A	EXTINGUISHING MEDIA N / A
SPECIAL FIREFIGHTING PROCEDURES N / A	UNUSUAL FIRE OR EXPLOSION HAZARDS May spall explosively if heated very rapidly

4. HEALTH HAZARD INFORMATION

INHALATION
Possible hazard from traces or quartz released by cutting sanding or shaping
Reference CFR 1910.1000 - Table Z3 - PEL 10 mg / m³ : % SiO₂ + 2

INGESTION
No known hazard

SKIN ABSORPTION None	SKIN CONTACT Inert
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5. CONDITION FOR SAFE USE

RESPIRATORY PROTECTION If airborne concentrations exceed permissible limits, wear a respirator approved by NIOSH or MSHA for crystalline silica.

EYE PROTECTION Wear goggles or face shield while cutting or shaping the product.

PROTECTIVE GLOVES Not required

OTHER PROTECTIVE CLOTHING / EQUIPMENT
Not required

VENTILATION REQUIREMENTS If permissible air concentrations are exceeded, use local or general ventilation to comply with limits.

STEPS TO BE TAKEN IF MATERIAL IS BROKEN OR CRUSHED . Vacuum clean dust produced by shaping and installation. If sweeping is inevitable, use a dust suppressant or wet with a water mist before sweeping.

6. SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS FOR HANDLING & STORAGE If permissible airborne concentrations are exceeded, use natural or mechanical ventilation to comply with limits.

OTHER PRECAUTIONS

Avoid creating dust

ADDITIONAL INFORMATION

ACCUTE EFFECTS OF INHALATIONS:

High dust concentrations can irritate the upper respiratory system.

CHRONIC EFFECT OF QUARTZ INHALATION:

Excessive and prolonged inhalation of crystalline silica (quartz) dust concentrations levels above 0.8 mg / m³ might cause pulmonary fibrosis leading to silicosis which is a chronic slowly-developing disease. Silicosis may become a progressive irreversible pneumoconiosis. Pre-existing respiratory diseases such as bronchitis, emphysema, asthma and tuberculosis may be aggravated by excess exposure.

PREPARED BY

DATE

TITLE

Helios D. Muñoz, M. Eng.

February 2, 2000

Director Technical Services

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