



Safety Data Sheet

Cemfort HD – Fiber Concrete Facade Panels

PRODUCT IDENTIFICATION			
TRADE NAME CEMFORT PANELS		GENERIC NAME FIBERCEMENT SHEETS	
CHEMICAL FORMULA CaO·SiO ₂ ·2H ₂ O and 2CaO·SiO ₂ with CaO·SiO ₂ and C ₆ H ₁₀ O ₅	ISSUED DATE July 1 st , 2012	REVISED DATE June 15 th , 2022	
1. INGREDIENTS			
MATERIAL OR COMPONENT	C.A.S. #	WT %	PERMISSIBLE AIR CONCENTRATION
Calcium silicate matrix (tobermorite, plombierite, etc.)	1344-95-2 13983-17-0	6 to 90% 5 to 20%	10 mg / m ³ 10 mg / m ³
Calcium silicate aciculae (xonotlite, etc) Synthetic Fibers Quartz as unreacted by-product	65996-61-4 14808-60-7	5 to 20% trace	10 mg / m ³ 0.8 mg / m ³ OSHA
2. PHYSICAL DATA			
2.A. BOILING POINT N/A	2.B. APPEARANCE Gray sheeting	2.C. SPECIFIC GRAVITY 1.36 to 1.6 g / cm ³	
2.D. SOLUBILITY IN WATER Insoluble	2.E. ODOR No odor	2.D. PERCENT VOLATILE 0%	
3. FIRE AND EXPLOSION DATA			
3.A. FLASH POINT N/A		3.B. EXTINGUISHING MEDIA N/A	
3.C. SPECIAL FIREFIGHTING PROCEDURES N/A		3.D. UNUSUAL FIRE OR EXPLOSION HAZARDS May spall explosively if heated very rapidly	
4. HEALTH HAZARD INFORMATION			
4.A INHALATION Possible hazard from traces or quartz released by cutting sanding or shaping Reference CFR 1910.1000 - Table Z3 - PEL 10 mg / m ³ : % SiO ₂ + 2			
4.B. INGESTION No known hazard	4.C. SKIN ABSORPTION None	4.E. SKIN CONTACT Inert	



5. CONDITION FOR SAFE USE		
5.A. RESPIRATORY PROTECTION If airborne concentrations exceed permissible limits, wear a respirator approved by NIOSH or MSHA for crystalline silica.	5.B. EYE PROTECTION Wear goggles or face shield while cutting or shaping the product.	
5.C. PROTECTIVE GLOVES Not required	5.D. OTHER PROTECTIVE CLOTHING / EQUIPMENT Not required	
5.E. VENTILATION REQUIREMENTS If permissible air concentrations are exceeded, use local or general ventilation to comply with limits.	5.F. ACTIONS 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		
6.A. SPECIAL PRECAUTIONS FOR HANDLING & STORAGE If permissible airborne concentrations are exceeded, use natural or mechanical ventilation to comply with limits.	6.B. OTHER PRECAUTIONS Avoid creating dust.	
7. ADDITIONAL INFORMATION		
7.A. ACUTE EFFECTS OF INHALATIONS High dust concentrations can irritate the upper respiratory system.		
7.B. CHRONIC EFFECT OF QUARTZ INHALATION Excessive and prolonged inhalation of crystalline silica (quartz) dust concentrations levels above 0.8 mg / m ³ 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 Helios D. Muñoz, M. Eng.	DATE June 15 th , 2022	TITLE Director Technical Services
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The information and recommendations contained herein are based upon data believed to be accurate. However, no guarantee is given concerning the information and recommendations offered.		

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