

MATERIAL SAFETY DATA SHEET

MSDS Number: TC002005

Revision Date: January 2008

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Elements DockBoard

USE & DESCRIPTION: Dock material

CHEMICAL FAMILY: None

MANUFACTURED FOR:

EPOCH Composite Products, Inc.
P.O. Box 567
Lamar, MO 64759

EMERGENCY TELEPHONE NUMBERS;

General Information: 1-800-405-0546 (8 am - 5 pm EST)
1-417-624-6644 (8 a.m. - 5 pm CST)
Chemtrec: 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Cas No.	% by Wt.	Exposure Limits*				Unit
			OSHA		ACGIH		
			TWA	STEL	TWA	STEL	
Polyethylene	NE	20-60	NE	NE	NE	NE	
Wood Fiber Dust	NE	40-60					
Certified Hardwood	NE		15 total dust	NE	1	NE	mg/m ³
Softwood	NE		5 resp. dust	NE	1	NE	mg/m ³
Additives/Coloring Agent	NE	5-20	NE	NE	NE	NE	mg/m ³
Limestone**	1317-65-3	0-8	15 total dust	NE	10 total dust	NE	mg/m ³
			5 resp. dust	NE	3 resp. dust	NE	mg/m ³
** <u>contains:</u>							
crystalline silica <5 %		<5					
quartz	14808-60-7		Table Z.3	NE	0.025	NE	mg/m ³
cristobalite	14464-46-1			NE	0.025	NE	mg/m ³

NE = Not established

* - Note: Due to the form of the product, hazardous exposures are not expected to occur. Exposure limits are provided for information purposes only.

3. HAZARDS IDENTIFICATION

U.S. OSHA Hazard Communications Standard: This product may be used in applications that produce wood fibers. According to OSHA 29 CFR 1910.1200, certain wood fibers are considered hazardous if the workplace airborne concentration exceeds the OSHA or ACGIH exposure limits (see section 8).

Exposure to fire can generate fumes which may irritate the eyes and respiratory tract.

HMIS Rating: Health - 0 Flammability - 0 Reactivity - 0	NFPA Rating: Health - 0 Flammability - 1 Reactivity - 0
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Potential Health Effects

EYE CONTACT: Dust can cause irritation to the eyes.

SKIN CONTACT: Repeated exposures to certain wood dusts can produce allergic skin reaction.

INGESTION: None known.

INHALATION: Dust can irritate nose, throat, and respiratory tract. Repeated exposures to certain wood dusts can produce respiratory reactions including asthma and rhinitis. Inhalation of certain wood fibers can cause nasal cancer.

CHRONIC EFFECT/CARCINOGENICITY/SPECIAL TOXIC EFFECTS: This product contains small amounts of respirable crystalline silica (quartz and cristobalite). IARC and NTP have determined that there is sufficient evidence for the carcinogenicity of respirable crystalline silica in experimental animals and limited evidence for its carcinogenicity in humans.

The physical nature of this product may help limit any inhalation hazard from crystalline silica during application and in its hardened state. However, physical forces such as grinding, drilling and other demolition work on the hardened product may liberate crystalline silica dust. Prolonged and repeated exposure to respirable silica-containing dust may have serious lung effects, including silicosis, bronchitis, and lung cancer.

MEDICAL CONDITIONS AGGRAVATED BY Pre-existing medical conditions that may be aggravated by exposure include disorders of the skin and respiratory tract including asthma.
See Section 11

4. FIRST AID MEASURES

EYE CONTACT: Flush immediately with clear water for 20 minutes. If irritation occurs, seek medical attention promptly

SKIN CONTACT: Wash with soap and water.

INGESTION: Not expected to be a problem when ingested.

INHALATION: Remove person to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek medical attention.

NOTES TO PHYSICIAN: None other than listed above.

5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD): >370°F (COC)

FLAMMABLE LIMITS (% VOLUME IN AIR - SOLVENT COMPONENT):

Lower= N/A

Upper = N/A

AUTOIGNITION TEMPERATURE: 395°F

EXTINGUISHING MEDIA: Use water or appropriate fire extinguisher.

SPECIAL FIRE FIGHTING PROCEDURES: Use of SCBA and full protective equipment (bunker gear). Keep personnel removed from and upwind of the fire. Cool adjacent structures and storage drums with water spray. Evacuate area.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Incomplete burning can produce carbon monoxide. Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion.

6. ACCIDENTAL RELEASE MEASURES

PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED: Wet dust down and sweep or vacuum for disposal.

WASTE DISPOSAL METHODS: Dispose in accordance with applicable Federal, State, and Local regulations.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE: N/A

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Composite Lumber is heavier than traditional lumber products. Proper handling is required to prevent damage or injury. Do not use as firewood or burn scraps.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Approved respiratory protection must be used when dust concentrations are unknown or exceed the PEL or TLV. Avoid prolonged or repeated breathing of dust. If applicable standards are exceeded or are likely to be exceeded, use a NIOSH/MSHA approved, contaminant-specific, air-purifying respirator. If such concentrations are sufficiently high that this respirator is inadequate, or high enough to cause oxygen deficiency, use a positive pressure self-contained breathing apparatus (SCBA). Follow all applicable respirator use, fitting, and training standards and regulations.

EYE PROTECTION: Safety glasses with side shields, or goggles should be worn to protect against dust particles.

SKIN: No special equipment required. Good personal hygiene practices should always be followed.

VENTILATION: Use with adequate ventilation to maintain exposures below appropriate exposure limits.

EXPOSURE GUIDELINES: Additional potentially relevant exposure limits are listed in Section 2.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Light brown to light gray solid. No odor.

BOILING POINT: NE

pH: NE

MELTING POINT: >120 ° C

SPECIFIC GRAVITY: NE

VAPOR PRESSURE: mmHg 20° C

VAPOR DENSITY (AIR = 1): NE

% VOLATILE, BY VOLUME: NE

SOLUBILITY IN WATER: Negligible

EVAPORATION RATE (BUTYL ACETAT = 1): NE

10. STABILITY AND REACTIVITY

STABILITY: This product is stable.

CONDITIONS TO AVOID: Do not store near heat and flame. Do not allow dust to build up in enclosed areas.

HAZARDOUS POLYMERIZATION: None

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Smoke, Carbon Monoxide, Acetaldehyde, Formaldehyde, Formic Acid, Acetic Acid

11. TOXICOLOGICAL INFORMATION: IARC has determined that there is sufficient evidence to classify wood fiber as a human carcinogen. When wood fiber is incorporated into a polymer matrix exposure is virtually eliminated.

12. ECOLOGICAL INFORMATION: Not established

13. DISPOSAL CONSIDERATIONS: RCRA information: The unused product is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D) nor does it contain raw materials that are listed as hazardous wastes. It does not exhibit the hazardous characteristics and does not contain Toxicity Characteristics Leaching Procedure (TCLP) Compounds. Dispose of as per regulatory requirements.

14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Not Regulated

DOT HAZARD CLASSIFICATION: Not Regulated

DOT LABELING REQUIREMENTS: Not Regulated

UN/NA NUMBER: Not Regulated

PLACARDS: Not Regulated

This product is not regulated by DOT under 49 CFR, and is not regulated for vessel transport under the IMDG Code.

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA): No

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA): N/A

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III:
Contains no "Extremely Hazardous Substances"

SECTION 313 REPORTABLE INGREDIENTS: None

CALIFORNIA PROPOSITION 65: Labeling required.

16. OTHER INFORMATION

- Preparation Date: January 2008
- Revised:
- Replaces: None

Disclaimer of Liability

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