

MATERIAL SAFETY DATA SHEET

MSDS Number: TC00100A

Revision Date: May 2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: EverGrain Decking, Elements Decking - Extruded

USE & DESCRIPTION: Decking & Fencing 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	None	40-60	NE	NE	NE	NE	
Wood Fiber Dust	NE	40-60					
Certified Hardwood	NE		5	-	1	-	mg/m ³
Softwood	NE		5	-	5	10	mg/m ³
Western Red Cedar	NE		2.5	-	-	-	mg/m ³
Coloring Agent	NE	0-5	-	-	-	-	mg/m ³
Zinc Stearate	557-05-1	0-6	5	-	10	-	mg/m ³

*See Section 8 for additional relevant exposure limits

NE = Not established

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).

<u>HMIS Rating:</u> Health - 0 Flammability - 0 Reactivity - 0	<u>NFPA Rating:</u> Health - 0 Flammability - 1 Reactivity - 0
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Potential Health Effects: Effects of overexposure: Dust can irritate nose, throat and respiratory tract and cause irritation in the eyes. Repeated exposures to certain wood dusts can produce allergic skin and respiratory reactions including asthma and rhinitis. Inhalation of certain wood fibers can cause nasal cancer.

4. FIRST AID MEASURES

EYE CONTACT: Flush with water. If irritation occurs, contact appropriate health care professional.

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:

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: Fire fighters must use self-contained breathing apparatus in enclosed area.

UNUSUAL FIRE OR EXPLOSION HAZARDS: 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 dust respirators must be used for dusty conditions or if breathing of dusts is likely.

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 in well ventilated area.

EXPOSURE GUIDELINES: Additional potentially relevant exposure limits are listed below: Limits are shown for guidance only. Follow applicable regulations.

Additional potentially relevant exposure limits are listed below:

Components	Cas No.	% by Wt.	Exposure Limits*				
			OSHA		ACGIH		Unit
			TWA	STEL	TWA	STEL	
Polyethylene	None	40-60	NE	NE	NE	NE	mg/m ³
Wood Fiber Dust	NE	40-60					
Certified Hardwood	NE		5	-	1	-	mg/m ³
Softwood	NE		5	-	5	10	mg/m ³
Western Red Cedar	NE		2.5	-	-	-	mg/m ³
	NE						
Zinc Stearate	557-05-1	0-6	5	-	10	-	mg/m ³

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: Stable

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

HAZARDOUS POLYMERIZATION: None

INCOMPATIBILITY (MATERIALS TO 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): Yes - Zinc Stearate

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 311/312 HAZARD CATEGORIES: Zinc compound, approximately 0-6 wt. %. This product contains the aforementioned toxic chemical subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of CGF 372.

SECTION 313 REPORTABLE INGREDIENTS: None

CALIFORNIA PROPOSITION 65: Labeling required.

16. OTHER INFORMATION

- Preparation Date: February 2005
- Revised:
 - March 2001
 - August 2004 (DOT Transport Information)
 - August 2005 (Name change and changes to emergency contact information)
 - November 2005 (Changes to Prop 65 labeling requirements)
 - April 2006 (Changes in Section 2 – Information on Ingredients)
 - May 2007 (Formatting Issues)
- Replaces: None

Disclaimer of Liability

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