

MATERIAL SAFETY DATA SHEET

MSDS Number: TC002002

Revision Date: February 2010

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Lamarite Slate Composite Shingle

USE & DESCRIPTION: Roofing Material

CHEMICAL FAMILY: None

MANUFACTURED FOR:

EPOCH Composite Products, Inc.

P.O. Box 567

Lamar, MO 64759

EMERGENCY TELEPHONE NUMBERS:

1-800-405-0546 (8 am - 5 pm EST)

1-417-624-6644 (8 am - 5 pm CST)

Chemtrec 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Cas No.	% by Wt.	Exposure Limits*				
			OSHA		ACGIH		Unit
			TWA	STEL	TWA	STEL	
Plastic	9002-88-4	20-40	NE	NE	NE	NE	
Limestone**	1317-65-3	60-80	15 total dust 5 resp. dust	NE	10 total dust 5 resp. dust	NE	mg/m ³
** <u>contains:</u> crystalline silica <5 % quartz cristobalite	14808-60-7 14464-46-1	<5	See 1910.1000 Table Z.3	NE NE	0.025 resp dust 0.025 resp dust	NE NE	mg/m ³ mg/m ³

*See Section 8 for additional relevant exposure limits

Follow applicable regulations.

NE = Not established

3. HAZARDS IDENTIFICATION

U.S. OSHA Hazard Communication 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.

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.

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.

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: Not applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: None

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

BOILING POINT: Not applicable

Ph: Not applicable

MELTING POINT: >120 °C

SPECIFIC GRAVITY: Not applicable

VAPOR PRESSURE: mmHg 20 °C

VAPOR DENSITY (AIR = 1): Not Established

% VOLATILE, BY VOLUME: Not Established

SOLUBILITY IN WATER: Negligible

EVAPORATION RATE (BUTYL ACETAT = 1): Not Established

OTHER PHYSICAL AND CHEMICAL DATA: None

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: Not applicable

11. TOXICOLOGICAL INFORMATION: When limestone 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 hazardous wastes. It does not exhibit the hazardous characteristics and does not contain Toxicity Characteristic 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, also not regulated for vessel transport under the IMDG Code.

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA): Not applicable

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA): Not applicable

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III:

Contains no "Extremely Hazardous Substances"

SECTION 311/312 HAZARD CATEGORIES: None

SECTION 313 REPORTABLE INGREDIENTS: None

CALIFORNIA PROPOSITION 65:

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

16. OTHER INFORMATION

- Preparation Date: March 2004
- Revised:
 - August 2004 (DOT Transport Information)
 - November 2004 (Change in product name)
 - August 2005 (Changes in emergency contact information)
 - April 2006 (Changes in language content)
 - May 2007 (Formatting Issues)
 - February 2010 (Changes in Composition/Information on Ingredients)
- Replaces: June 2003 version.

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