

MATERIAL SAFETY DATA SHEET

----- I. PRODUCT IDENTIFICATION -----

TRADE NAME (as labeled): **LATICRETE® SpectraLOCK™ Glow**

CHEMICAL FAMILY: Photoluminescent Pigment

MANUFACTURER'S NAME: LATICRETE INTERNATIONAL, INC.  
1 Laticrete Park, N.  
Bethany, CT 06524-3423 USA

Reviewed & Approved By:  
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Steven B. Fine  
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Date prepared or revised: 1/07 Name of preparer: S.B. Fine

----- II. HAZARDOUS INGREDIENTS -----

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Alkaline earth metal aluminate oxide Europium doped	N/A	100	2 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	N/A

**N/A = Not applicable or available**

----- III. HEALTH HAZARD INFORMATION -----

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: May cause irritation to mucous membranes.

Contact with skin or eyes: May cause irritation to eyes or skin.

Absorbed through skin: N/A

Swallowed: Single dose toxicity is believed to be low. No hazards anticipated from ingestion incidental to industrial exposure.

SUSPECTED CANCER AGENT?

  x   NO: This product's ingredients are not found in the lists below.

YES:        Federal OSHA        NTP        IARC

----- IV. FIRST AID: EMERGENCY PROCEDURES -----

Eye Contact: Irrigate immediately for at least 15 minutes. See a physician if irritation persists.

Skin Contact: Wash off in flowing water or shower. See a physician if irritation persists.

Inhaled: Remove to fresh air. Seek medical attention if necessary.

Swallowed: Seek immediate medical attention.

----- V. FIRE AND EXPLOSION -----

Flash Point method): N/A

Auto ignition temperature, °F: N/A

Flammable limits in air, volume %: N/A Lower (LEL) \_\_\_\_\_ Upper (UEL)

Fire extinguishing materials:

<u>  X  </u> water spray	<u>  X  </u> carbon dioxide	_____ other:
<u>  X  </u> foam	<u>  X  </u> dry chemical	

Special fire fighting procedures: Wear positive pressure self-contained breathing apparatus.

Unusual fire and explosion hazards: This product will not burn. Use appropriate techniques to fight surrounding fires.

----- VI. SPILL, LEAK, AND DISPOSAL PROCEDURES -----

Spill response procedures (include employee protection measures): dust masks, safety glasses, and long sleeved clothing; avoid the generation of dust. Vacuum or shovel material and place in a closed container.

Preparing wastes for disposal (container types, neutralization, etc.): N/A

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

-----VII. Handling and Storage-----

Wear dust masks, safety glasses, and long sleeved clothing when handling. Store in dry, well ventilated areas.

----- VIII. Exposure Controls and Personal Protection -----

Ventilation and engineering controls: Normal

Respiratory protection (type): NIOSH approved dust masks if exposure limits are exceeded.

Eye protection (type): Safety glasses or goggles

Gloves (specify material): Impervious gloves

Other clothing and equipment: Long sleeved clothing

Work practices, hygienic practices: Normal Good housekeeping

Other handling and storage requirements: N/A

Protective measures during maintenance of contaminated equipment: See above.

----- IX. PHYSICAL PROPERTIES -----

Vapor density (air=1): N/A

Melting point or range, °F: N/A

Specific gravity: 0.25-3.6 g/cc

Boiling point or range, °F: N/A

Solubility in water: Insoluble

Evaporation rate (butyl acetate = 1): N/A

Vapor pressure, mmHg at 20°C: N/A

Appearance and odor: off white powder

HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust, or mist): N/A

----- X. REACTIVITY DATA -----

Stability:     X     Stable      Unstable

Conditions to avoid: Contact with acids.

Incompatibility (materials to avoid): Contact with acids.

Hazardous decomposition products (including combustion products): N/A

Hazardous polymerization:      May occur     X     Will not occur

Conditions to avoid: N/A

----- XI. Toxicology Information -----

This product is considered non-toxic.

----- XII. Ecological Information -----

There is no known ecological information on this product.

----- XIII. Disposal Information -----

Dispose in compliance with local, state, and federal regulations. Spilled product can be recovered and re-used.

----- XIV. Transport Information -----

No special labeling or transportation placarding is required.

----- XV. Regulatory Information -----

All ingredients are listed on the U.S. EPA TSCA inventory of chemical substances.

----- XVI Other Information -----

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