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	MATERIAL SAFETY DATA SHEET	

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

TRADE NAME (as labeled): SpectraLOCK® 2000 IG Part B

CHEMICAL FAMILY: Epoxy Resin

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

Phone number for additional information: (203) 393-0010

Date prepared or revised: 2/2010 Name of preparer: Z. Andrew Szczepaniak

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

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Phenol, 4,4'-(1 - methylethylidene) Bis-, polymer w/ (chloromethyl)oxirane	25068-38-6	14-40	N/A	N/A	N/A
Phenol-Formaldehyde Polymer Glycidyl Ether	28064-14-4	55-85	N/A	N/A	N/A

N/A = Not applicable or available

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

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects) None Known

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled: May cause irritation of respiratory tract.

Contact with skin or eyes: Minor transient irritation for eye contact. No corneal injury likely. May cause allergic skin reaction. Prolonged exposure not likely to cause skin irritation. Skin sensitizer

Absorbed through skin: Not likely to absorb through skin in toxic amount in a single prolonged exposure.

Swallowed: N/A

SUSPECTED CANCER AGENT?

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

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YES: _____ Federal OSHA _____ NTP _____ IARC
Health = 1 Flammability = 0 Reactivity = 1 PPE = Gloves and Glasses

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

Eye Contact: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact: Wash off in flowing water or shower for at least 15 minutes. Seek medical attention. Wash clothing before reuse.

Inhaled: If inhaled, remove to fresh air. If effects occur consult a physician

Swallowed Do not induce vomiting. Immediately give at least 3 – 4 glasses of water. Call a physician

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

Flash Point method): >200°F

Auto ignition temperature, °F: N/A

Flammable limits in air, volume %:

Lower (LEL) _____

Upper (UEL)

Fire extinguishing materials:

 x water spray

 x carbon dioxide

 other:

 x foam

 x dry chemical

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

Unusual fire and explosion hazards: Decomposition & combustion products may be toxic.

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

Spill response procedures (include employee protection measures): Soak up in absorbent material or scrape up. Residual can be removed with hot water and a nonionic surfactant. Wear goggles, rubber gloves, long sleeved clothing.

Preparing wastes for disposal (container types, neutralization, etc.): Burn in adequate incinerator or bury in an approved landfill.

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

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

Store in cool dry area.

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

Ventilation and engineering controls: Good room ventilation should be adequate for most operations

Respiratory protection (type): None normally needed

Eye protection (type): Chemical splash proof goggles, safety glasses

Gloves (specify material): Rubber or polyethylene gloves

Other clothing and equipment: clean, body-covering clothing

Work practices, hygienic practices: N/A

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: 1.17

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: thick opaque liquid

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

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

Stability: x Stable Unstable

Conditions to avoid: Excess heating over long periods of time degrades the resin

Incompatibility (materials to avoid): Strong oxidizing agents

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). Carbon monoxide, carbon dioxide, aldehydes

Hazardous polymerization: May occur x Will not occur

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Conditions to avoid: Masses of more than 1 pound of product plus an aliphatic amine will cause irreversible polymerization with considerable heat build up.

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

Acute Oral (LD50) Rat greater than 5000 mg/kg
Acute Dermal (LD50) Rabbit greater than 3000 mg/kg
Inhalation Toxicity (LC50) Rat >1.7 mg/l for a 4 hour aerosol exposure (maximum concentration attained.)
Mutagenicity Ames Test with and without microsomal activation: Positive

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

None Known

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

Dispose in compliance with local, state, and federal regulations.

-----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.
This product contains a chemical known to the State of California to cause cancer or reproductive harm.

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

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