

**MATERIAL SAFETY DATA SHEET
FOR
THORN SMITH LABORATORIES
ANALYZED QUANTITATIVE UNKNOWNNS**

Cement
Catalog Number 80-1150

Manufacturer: Auric Enterprises, Inc.
d/b/a Thorn Smith Laboratories
Address: 7755 Narrow Gauge Road
Beulah, MI 49617
Phone Number: 231-882-4672
MSDS Number: TSL-017
Date Prepared: February 16, 1994
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SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names
(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)

Portland Cement

Formula: $(4CaO \cdot Al_2O_3 \cdot Fe_2O_3)_3; (3CaO \cdot Al_2O_3); (3CaO \cdot SiO_2); (2CaO \cdot SiO_2)$
CAS No.: N/A
OSHA PEL: N/A
ACGIH TLV: 30 mppcf or 10 mg/m³

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A
Specific Gravity (H₂O=1): 3.0 - 3.2
Vapor Pressure (mm Hg and Temperature): N/A
Melting Point: N/A
Vapor Density (Air-1): N/A
Evaporation Rate (-1): N/A
Solubility in Water: Not Soluble
Appearance and Odor: Gray powder. Odorless.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used: N/A

Auto-Ignition Temperature: N/A

Flammability Limits in Air (% by volume): N/A

LEL: N/A UEL: N/A

Extinguisher Media: Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures: None identified.

Unusual Fire and Explosion Hazards: None identified.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: Stable Unstable

Conditions to Avoid: Stable under ordinary conditions of use and storage.

Incompatibility (Materials to Avoid): N/A

Hazardous Decomposition Products: None identified.

HAZARDOUS POLYMERIZATION: May Occur Will Not Occur

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:

Inhalation Ingestion Skin Contact Eye Contact Not Hazardous

CARCINOGEN LISTED IN:

NTP OSHA IARC Monograph Not Listed

TOXICITY: N/A

HEALTH HAZARDS - Acute:

Skin Contact: May cause irritation to those with sensitive skin.

Eye Contact: May cause irritation.

HEALTH HAZARDS - Chronic: N/A

Signs and Symptoms of Exposure: No information found.

Medical Conditions Generally Aggravated by Exposure: N/A

Other Precautions: Avoid prolonged contact between skin surfaces and wet or moist Portland cement or clothing saturated with wet or moist Portland cement.

EMERGENCY FIRST AID PROCEDURES - Seek medical assistance for further treatment, observation, and support if necessary.

Inhalation: Remove to fresh air.

Skin Contact: Remove any contaminated clothing. Wash promptly and thoroughly with fresh, clean water.

Eye Contact: In case of eye contact, immediately flush with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

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