

**MATERIAL SAFETY DATA SHEET
VIVID CONCRETE DYE**

DATE PREPARED: August, 2006
Prepared according to 29CFR 1910 1200

SECTION 1: Product and Company Identification:

L&M Construction Chemicals, Inc.
14581 Calhoun Rd, Omaha, NE 68152 402 453 6600
Emergency Number: 800-255-3924
Product Name: **VIVID CONCRETE DYE**
Chemical Family: 2 :1 CHROMIUM COMPLEX AZO DYE
Synonym: Solvent Dye Mixture

Section 2: Composition/Information on Ingredients

Hazardous Components	CAS	% by wt.	OSHA/PEL
Chromium III Compound	None	>50%	0.5 mg/m ³
[NO90] Chromium as an Integral part of dye molecule	7440-47-3	>3%	0.5 mg/m ³

Section 3: Hazards Identification

Effects of Overexposure

Acute: MAY CAUSE SLIGHT IRRITATION OF EYES AND/OR SKIN.
Chronic: NO CHRONIC ILL EFFECTS KNOWN.

Section 4: First Aid Measures

Eyes: IMMEDIATE AND CONTINUOUS IRRIGATION WITH FLOWING WATER FOR AT LEAST FIFTEEN MINUTES. CONSULT PHYSICIAN IF IRRITATION OCCURS.

Skin: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER. WASH WELL WITH SOAP AND WATER. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Ingestion: IF CONSCIOUS, GIVE TWO GLASSES OF WATER TO DILUTE. INDUCE VOMITING ONLY IF ADVISED BY THE POISON CONTROL CENTER

Inhalation: REMOVE TO FRESH AIR. IF EFFECTS OCCUR, CONSULT PHYSICIAN.

Section 5: Fire Fighting Measures

Flash and Point Method: NA

Flammable Limits: LEL: NA UEL: NA

Extinguishing Media: WATER SPRAY, DRY CHEMICALS, FOR OR CARBON DIOXIDE.

Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR FULL-FACE, SELF-CONTAINED BREATHING APPARATUS AND IMPERVIOUS PROTECTIVE CLOTHING.

Unusual Fire and Explosion Hazards: NONE EXPECTED, BUT AVOID THE BUILD UP OF DUST CLOUDS WHICH COULD BE EXPLOSIVE, AS OTHER ORGANIC POWDERS ARE.

Section 6: Accidental Release Measures

Accidental Release Measures: UTILIZE RECOMMENDED PROTECTIVE CLOTHING AND RESPIRATORY PROTECTION. MIX MATERIAL WITH SWEEPING COMPOUND TO MINIMIZE DUSTING WHILE SWEEPING UP AND CONTAINING. VACUUM CONTAMINATED AREA.

Section 7: Handling and Storage Information

Precautions To Be Taken In Handling and Storing: AVOID BREATHING DUST, AVOID CONTACT WITH EYES AND SKIN. MAINTAIN GOOD HOUSEKEEPING TO AVOID DUST BUILD UP. AVOID INGESTION, EYE AND SKIN CONTACT. MINIMIZE INHALATION EXPOSURE BY USING DUST RESPIRATOR.

WASH HANDS AFTER WEIGHING DYE TO AVOID CONTACT OF THE SKIN OR EYES WITH CONTAMINATED HANDS. WASH THOROUGHLY AFTER HANDLING. STORE IN A DRY PLACE AWAY FROM EXCESSIVE HEAT, IN ORIGINAL OR SIMILAR WATERPROOF CONTAINERS. RESEAL CONTAINERS IMMEDIATELY AFTER USE.

Practices: HANDLE WITH DUE CARE AND MINIMIZE EXPOSURE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICE.

SECTION 8: Exposure Controls/Personal Protection Information

Ventilation: USE LOCAL EXHAUST VENTILATION TO MINIMIZE EXPOSURE.

Respiratory: A NIOSH/MSHA APPROVED DUST RESPIRATOR SHOULD BE WORN.

Eye Protection: WEAR SIDE-SHIELD SAFETY GLASSES OR CHEMICAL SAFETY GOGGLES.
Protective Gloves: WEAR IMPERVIOUS GLOVES AS A STANDARD HANDLING PROCEDURE.

Other: DELUGE SAFETY SHOWER, EYE WASH STATION, PROTECTIVE CLOTHING.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dust and vapors should be avoided.

SECTION 9: Physical and Chemical Properties

Color Names: Aztec Gold, Phoenix Sun, Burnt Sugar, Desert Sand, Terra Cotta, Sumatra Brown, Leather Brown, Cocoa Brown, Nutty Brown, Tempered Sienna, Cherry Nut, Burgundy, American Rose, Deep Purple, River Blue, New Mexico Blue, Rock Blue, Moss Green, Kelly Green, Rock Green, Black Diamond, Charcoal, Antique Gray

Odor: Odorless

Solubility in Water: Insoluble

SECTION 10: Stability and Chemical Reactivity

Incompatibility: (Materials to Avoid): OXIDIZING AND REDUCING AGENTS.

Hazardous Decomposition Products: BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN AND SULFUR.

Hazardous Polymerization: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

SECTION 11 Toxicological Information

LD50 Oral (Ingestion)	N.E.
LD50 Dermal (Skin Contact)	N.E.
LC50 (Inhalation)	N.E.
Primary Route of Exposure	N.E.
Threshold Limit Value	N.E.

SECTION 12: Ecological Information

No data given

SECTION 13: Disposal Considerations

Disposal Considerations: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE AND SHOULD NOT BE DISTRIBUTED, MADE AVAILABLE, FURNISHED OR REUSED EXCEPT FOR STORAGE AND SHIPMENT OF ORIGINAL PRODUCT.

SECTION 14: Transportation

DOT Shipping Name: Not regulated
Technical Shipping Name: Not Applicable
DOT Hazard Classification
 Primary: Not Applicable
 Secondary: Not Applicable

Freight Classification: Not regulated
UN Number: Not Applicable
IMO Hazard Class: Not Applicable
DOT Labels Required: Not Applicable

SECTION 15: Regulatory Information

TSCA: ALL COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE TOXIC SUBSTANCE CONTROL ACT.
SARA HAZARD CLASS: ACUTE
SECTION 313: THIS DYE STUFF 100% BY WEIGHT CHROMIUM COMPOUND (N090) WHICH IS REPORTABLE UNDER SECTION 313.

SECTION 16: Other Information

NFPA Fire Hazards Code – Minimal:0, Slight:1, Moderate:2, Severe:4
NFPA Product Code – Health: 1, Fire: 1, Reactivity: 0, Specific: N.A.

DISCLAIMER

Information contained herein is, to our best knowledge, true and accurate. It is offered for information only, as we cannot guarantee the results of processes not under our direct control.
Prepared by Stuart Wood, August 23, 2005.

N.E. – Not Established
N.A. – Not Applicable