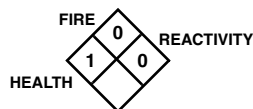



MATERIAL SAFETY DATA SHEET and WARRANTY

A304-5G14

Date: July 14, 2005

Section I Identification



| | |
|--------------|---|
| HEALTH | [1] |
| FLAMMABILITY | [0] |
| REACTIVITY | [0] |
| PROTECTION |  |

Product Name: **CHROMIX® Admixtures for Color-Conditioned® Concrete**

Chemical Name: **Mixture**

Chemical Family: **Mixture**

Chemical Formula: **Mixture**

Emergency Telephone Number: **CHEMTREC (800) 424-9300**

Telephone Number for Information: **SCOFIELD (770) 920-6000 (323) 720-3000**

Section II Composition/ Information on Ingredients

| Composition | Weight | OSHA TWA | ACGIH TLV | CAS Number |
|----------------------------------|-------------|--|----------------------------|----------------|
| Nuisance Particles (Dust) | 100% | 15 mg/m³ (Total) 5 mg/m³ (Respirable) | 10 mg/m³ | Mixture |

Section III Hazards Identification

Acute Exposure:
May cause irritation to the upper respiratory tract. Abrasion may cause eye and skin irritation.

Chronic Exposure:
Long term, excessive exposures with repeated or prolonged inhalation of airborne dust of this material may cause scarring of the lungs (pulmonary fibrosis), with shortness of breath, chronic cough, and respiratory assisted heart failure. Prolonged exposure can produce a mild symptomatic pneumoconiosis.

Signs and Symptoms of Exposure:
 Inhalation — **Sneezing, coughing, or other nuisance symptoms.**
 Eyes — **Irritation.**
 Skin — **Mild irritation.**
 Ingestion — **May cause mild discomfort.**

Medical Conditions Generally Aggravated by Exposure: **Dermatitis, pulmonary conditions and diseases.**

Section IV First Aid Measures

Emergency and First Aid Procedures:
 Inhalation — **Move to fresh air.**
 Skin — **Wash thoroughly with soap and water. Remove soiled clothing and wash before reuse.**
 Ingestion — **Get medical attention.**

L. M. SCOFIELD COMPANY

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CHROMIX® Admixtures for Color-Conditioned® Concrete

Section IV First Aid Measures (continued)

Emergency and First Aid Procedures (continued):

Eyes — **DO NOT RUB EYES. Immediately flush thoroughly with large amounts of water.**

If symptoms persist or develop, get medical attention.

Section V Fire and Explosion Hazard Data

Flash Point:

Not applicable

Flammable Limits:

Unknown

Extinguishing Media:

Water spray, dry chemical, foam, and CO₂.

Special Fire Fighting Procedures:

Normal fog or nozzle jet application and/or exclusion of air.

Unusual Fire and Explosion Hazards:

Exposure to temperatures greater than 130° F may cause this product to become unstable and slowly auto-oxidize, which generates additional heat. Under certain conditions, this heat may be sufficient to cause combustible materials to ignite. It may not be obvious that the product is burning unless it is stirred and sparks are apparent. Dust explosions can occur under conditions of high dust concentration in the presence of an ignition source.

Section VI Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: **Only qualified personnel who have read the product Tech-Data Bulletins and this MSDS should conduct these procedures. Persons not wearing protective equipment should be excluded from the area. Follow procedures in *Section VIII—Exposure Controls/Personal Protection*. Avoid generating dust during recovery or disposal. Collect in labeled waste container. If unable to prevent release to soil or waters of the State, immediate notice to local regulatory authorities is required.**

Section VII Precautions for Safe Handling and Use

Precautions to be Taken in Handling and Storing: **Follow personal protection procedures (*Section VIII*) when handling the material. Store in a cool, dry, well-ventilated area, in unopened original packaging or in tightly closed, labeled containers. Protect from physical damage. Avoid contact with acids and other oxidizers.**

Section VIII Exposure Controls/ Personal Protection

Ventilation/Engineering Controls: **Adequate ventilation and sufficient local exhaust as needed to maintain exposure below TWA and TLV limits.**

Respiratory Protection: **Wear dust (particulate) respirator (NIOSH TC-84A approved). 3M Company's *Tech Line* (1-800-243-4630) may be helpful for respirator advice and availability. For respiratory protection guidelines refer to OSHA 29 CFR 1910.134.**

MATERIAL SAFETY DATA SHEET and WARRANTY

CHROMIX® Admixtures for Color-Conditioned® Concrete

Section VIII Exposure Controls/ Personal Protection (continued)

Eye Protection: **Goggles recommended.**

Skin Protection: **Wear impervious gloves.**

Other Protective Clothing or Equipment: **Wear suitable protective clothing to minimize skin contact.**

Work/Hygienic Practices: **Minimize exposure in accordance with good hygienic practice.
Wash with soap and water immediately after handling.**

Section IX Physical and Chemical Characteristics

Boiling Point: **Not applicable**

Freezing Point: **Not applicable**

Vapor Pressure (mm Hg.): **Not applicable**

Vapor Density (Air = 1): **Not applicable**

Solubility in Water: **Slight**

Specific Gravity (H₂O = 1): **Approximately 2.0–2.5**

Melting Point: **Not applicable**

Evaporation Rate (Butyl Acetate = 1): **Not applicable**

Volatile Organic Compounds: **Nil**

Appearance and Odor: **Fine powder. Various colors.**

Section X Stability and Reactivity

Stability: **Stable**

Conditions to Avoid: **Excessive heat (>130° F).**

Incompatibility (Materials to Avoid): **Strong oxidizing agents.**

Hazardous Decomposition or By-products: **CO and CO₂**

Hazardous Polymerization: **Will not occur.**

Section XI Toxicological Information

Health Hazards (Acute and Chronic):
No data.

Section XII Ecological Information

Aquatic Toxicity Rating:
No data.

Section XIII Disposal Considerations

Waste Disposal Method:
**This product is not a hazardous waste and should be disposed of in accordance
with local, state, and federal regulations.**

MATERIAL SAFETY DATA SHEET and WARRANTY

CHROMIX® Admixtures for Color-Conditioned® Concrete

Section XIV Transport Information

DOT Hazard Class:
Not regulated

Section XV Regulatory Information

U. S. Federal Regulations:
OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, material safety data sheets, training, and access to written records. It is your legal duty to make all information in this Material Safety Data Sheet available to your employees.

State Regulations:
State of California *Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)*; WARNING: This product contains one or more chemicals known to the State of California to cause cancer, or birth defects or other reproductive harm.

International Regulations:
Consult the regulations of the importing country.

Section XVI Other Information

Before using this product:
Completely read the Scofield Tech-Data Bulletin *A-304 CHROMIX Admixtures for Color-Conditioned Concrete* and the product label.

WARRANTY

Since no control is exercised over product use, L. M. Scofield Company (Scofield) represents and warrants only that its products are of consistent quality within manufacturing tolerances. NO OTHER ORAL OR WRITTEN REPRESENTATION OR STATEMENT OF ANY KIND, EXPRESS OR IMPLIED, NOW OR HEREAFTER MADE IS AUTHORIZED OR WARRANTED BY SCOFIELD, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Liability for breach of contract, negligence, or on any other legal basis is limited to the lesser of refund or replacement of defective materials. SCOFIELD WILL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING FOR DELAYS OR LOST PROFITS. Communication of this warranty and its limitations to end users is not the responsibility of Scofield, but should be communicated by those in direct contract with the end user. Any claim regarding product defect must be received in writing within one year from the date of manufacture. No claim will be considered without such written notice or after the specified time interval. The end user shall determine the suitability of the products for the intended use and assumes all risks and liability in connection therewith.