

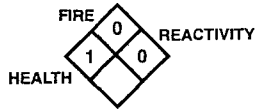


# MATERIAL SAFETY DATA SHEET and WARRANTY

Replaces: June 3, 1992

Date: April 12, 1995

## Section I Identification



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

Product Name:	<b>CHROMIX® Admixtures for Color-Conditioned Concrete</b>
Chemical Name:	Mixture
Chemical Family:	Mixture
Chemical Formula:	Mixture
Emergency Telephone Number:	<b>CHEMTREC (800) 424-9300</b>
Telephone Number for Information:	<b>SCOFIELD™ (770) 920-6000 (213) 720-3000</b>
DOT Hazard Class:	<b>Not Regulated</b>

## Section II Hazardous Ingredients

Composition	Weight	OSHA TWA	ACGIH TLV	CAS Number
<b>Nuisance particles (Dust)</b>	<b>100%</b>	<b>10 mg/m<sup>3</sup> (Total) 5 mg/m<sup>3</sup> (Respirable)</b>	<b>10 mg/m<sup>3</sup></b>	<b>Mixture</b>

## Section III Physical and Chemical Characteristics

Boiling Point:	<b>Not Applicable</b>
Vapor Pressure (mm Hg.):	<b>Not Applicable</b>
Vapor Density (Air = 1):	<b>Not Applicable</b>
Solubility in Water:	<b>Slight</b>
Specific Gravity (H <sub>2</sub> O = 1):	<b>2.0 – 3.5</b>
Melting Point:	<b>Not Applicable</b>
Evaporation Rate (Butyl Acetate = 1):	<b>Not Applicable</b>
Volatile Organic Compounds:	<b>None</b>
Appearance and Odor:	<b>Fine powder. Various colors.</b>

## Section IV Fire and Explosion Hazard

Flash Point (Method Used):	<b>Not Applicable</b>
Flammable Limits:	<b>Unknown</b>
Extinguishing Media:	<b>Water fog or spray.</b>
Special Fire Fighting Procedures:	<b>Normal fog or nozzle jet application and/or exclusion of air.</b>

**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.**

## Section V Reactivity

Stability:	<b>Stable</b>
Conditions to Avoid:	<b>Excessive heat (&gt;130° F)</b>
Incompatibility (Materials to Avoid):	<b>Strong oxidizing agents.</b>
Hazardous Decomposition or Byproducts:	<b>None known.</b>
Hazardous Polymerization:	<b>Will not occur.</b>

# L. M. SCOFIELD COMPANY

Date: April 12, 1995

## Section VI Health Hazard

Routes of Entry:

Eye  
Irritant

Inhalation  
Yes

Skin  
Mild irritant

Ingestion  
Yes

Health Hazards (Acute and Chronic): **No acute or chronic adverse effects are known to be associated with this material.**

Carcinogenicity:

NTP  
No

IARC Monographs  
No

OSHA Regulated  
No

Signs and Symptoms of Exposure:

Inhalation — **Dust can cause discomfort of the nose, throat and upper respiratory tract, coughing, and sneezing.**

Eyes — **Irritation**

Skin — **Mild irritation**

Ingestion — **Can cause discomfort if swallowed.**

Medical Conditions Generally Aggravated by Exposure: **Asthma induced by sulfites.**

Emergency and First Aid Procedures:

Inhalation — **Move to fresh air. Call a physician if symptoms develop.**

Skin — **Wash thoroughly with soap and water. Call a physician if symptoms develop.**

Ingestion — **Call a physician.**

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

**If symptoms persist or develop, get medical attention.**

## Section VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: **Follow procedures in Section VIII- Control Measures when cleaning up spills. Avoid generating dust during recovery or disposal. Collect in a labelled waste container.**

Waste Disposal Method: **This product is not listed as a hazardous waste in Federal Regulations, Resource Conservation & Recovery Act (RCRA) 40 CFR 261. Dispose of in compliance with local, state, and federal regulations.**

Precautions to be Taken in Handling and Storing: **Store in a cool, dry location.**

## Section VIII Control Measures

Respiratory Protection: **When exposure to dusts may exceed the TWA, a dust mask (NIOSH/MSHA TC 21C approved) is recommended. 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.**

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

Protective Gloves: **Impervious gloves suggested.**

Eye Protection: **Goggles suggested.**

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

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