



BUILDING TRUST



L. M. Scofield Company - A SIKA COMPANY

LITHOCHROME® Colorwax® Concrete Curing Compound, Part B - 1580

SDS according to GHS OSHA 29 CFR 1910.1200 and 1272/2008/EC (CLP) amending 1907/2006/EC (REACH)

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 GHS Product Identifier

Commercial Product Name: LITHOCHROME® Colorwax™ Concrete Curing Compound (Base, Part B) - 1580

Chemical Name: Water-based dispersion of modified acrylic polymer and functional coating additives

1.2 Relevant identified uses of product: LITHOCHROME® Colorwax™ Concrete Curing Compound meets the moisture retention requirements of ASTM C309 Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete. LITHOCHROME® Colorwax® can be used to improve the visual uniformity of freshly-placed and finished concrete.

It requires the addition of one properly sized Tint Cup 1590 (Part A) to each B unit of 1580 (Base) to match the color of the concrete and to improve the visual uniformity and appearance of the concrete.

1.3 Details of the supplier of the safety data sheet:

www.scofield.com

L. M. SCOFIELD Company, A SIKA COMPANY

SCOFIELD Phone Number (800) 800-9900

6533 Bandini Blvd, Los Angeles, CA 90040

Information Phone Number (323) 720-3000

4155 Scofield Road, Douglasville, GA 30134

Information Phone Number (770) 920-6000

1.4 Transportation Emergency Telephone Number: CHEMTREC (800) 424-9300

2 HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture:

Human Health: GHS & CLP, irritant, eye contact with product can result in moderate eye injury. Skin contact with product can cause irritation and inhalation of mists can cause respiratory irritation. No chronic effects are known.

2.2 Label elements:

GHS Hazard (H) Statements

Acute toxicity, ingestion, SE, H303, category 5

Acute toxicity, skin contact, SE, H313, category 4

Acute toxicity, eye contact, SE, H319, category 2A

Acute toxicity, mist inhalation, SE, H332, category 4

Acute Toxicity

H303--May be harmful if swallowed

H313--May be harmful in contact with skin

H319--Causes serious eye irritation

H332--Harmful if inhaled

Chronic Toxicity

No chronic toxicity is known



Signal Word: **WARNING**

GHS Category Key

1 = Most Hazardous

5 = Least Hazardous



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GHS Precautionary Statements

Prevention Precautionary (P) Statements

P102--KEEP OUT OF THE REACH OF CHILDREN

P202--Do not handle until all safety precautions have been read and understood.

P261--Avoid breathing mist/vapors/spray

P264--Wash skin thoroughly after handling.

P280--Wear protective gloves/protective clothing/eye protection

P284--Wear respiratory protection, see section 8

Response Precautionary (P) Statements

P304+P340--**IF INHALED:** Move person to fresh air and keep comfortable for breathing.

P305+P351+P338--**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313-- If eye irritation persists: Get medical advice/attention.

P312--Call 911 or a POISON CENTER 1 (800) 222-1222 for first aid advice, if person feels unwell.

Disposal Statement

P501--Dispose of contents/container in accordance with local/state/federal waste material regulations.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS: Product has unknown toxicity for oral, dermal and inhalation routes of exposure.

For full text wording of terms refer to Section 16.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Main Constituent: Acrylic polymer dispersion

3.2 Mixture: Mixture of polymer dispersion, with functional additives.

Hazardous Components of Mixture	CAS #	EINECS #	Weight %
Propylene Glycol Phenyl Ether (Glycol Ether PPh)	770-35-4	212-222-7	0 to 0.5%

The exact percentages in this composition and some components have been withheld as trade secrets.

4 FIRST AID MEASURES

4.1 Description of first aid measures:

If swallowed: Do NOT induce vomiting, rinse mouth and drink plenty of water, immediately call 911 or a POISON CENTER (800) 222-1222 for first aid instructions.

Eye Contact : Immediately flush eyes with plenty of clean water for 15 minutes. Remove any contact lenses and open eyelids widely during flushing. If eye irritation persists, take person to emergency room/hospital, bring SDS.

4.2 Most important symptoms and effects both acute and delayed:

Hazards: Acute, moderate eye irritant. No delayed effects are known.

4.3 Indication of any immediate medical attention and special treatment needed:

Firefighting protection: Wear self contained breathing apparatus (SCBA) and turnout gear to fight fire.

Refer to Section 11 For more detailed information on health effects and symptoms.



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5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special Hazards arising from the substance or mixture:

Fire hazard: Minimal

Explosion hazard: None

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:

General measures: Use personal protective equipment, refer to section 8 for additional PPE information.

Protective equipment: Use proper safety equipment when handling spills.

6.2 Environmental precautions: Product should not be released into water drains, sewers, or soil areas. Notify local authorities if spill enters water.

6.3 Methods and material containment and cleaning up:

Have spill containment materials available. Soak up liquid with absorbent materials, such as clay, sawdust, or other similar absorbent material and then shovel the absorbed material into a marked drum for disposal.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling: Handle in accordance with good industrial hygiene procedures. Always wash hands immediately after handling this product. Do not eat, drink or smoke in areas where product is being used.

7.2 Conditions for safe storage including any incompatibilities: Store between 40-120 °F (4-50 °C). Keep containers closed and out of direct sunlight until used. Store away from strong acids, strong bases or oxidizers.

7.3 Specific end uses: Refer to Section 1.2 for use information.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components of Mixture	OSHA PEL 8hr	ACGIH TLV
Propylene Glycol Phenyl Ether (PPh)	exposure limit not established	NDA

8.2 Exposure controls:

NDA = No Data Available

Personal Protective Equipment Symbols:

Personal protection: Wear proper safety equipment when using product

Engineering measures: Use local exhaust and room ventilation.

Provide easy access to eye wash stations located close to work area.




Respiratory equipment: When working in confined areas, use an approved respirator that is equipped with proper organic vapors cartridges and mist/particulate filters.

Hand protection: Wear chemical resistant gloves, such as neoprene or nitrile rubber.

Eye protection: Wear a face shield or safety glasses with side shields or tight-fitting chemical splash goggles.

Skin protection: Wear chemical resistant protective clothing, such as a rubber apron or a rubber coat.

Personal Protective Equipment

Respirator selection: Organic vapors and mist filters



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8.2 Exposure controls: (continued)

Hygiene measures: Wash hands after exposure, Remove contaminated clothing, shower then wash with plenty of soap and water. Wash contaminated clothing prior to reuse.

Environmental exposure controls: Observe all applicable regulations limiting discharge to air, water, or soil, If a spill occurs, apply absorbent materials to absorb liquid. Shovel waste material into a properly marked waste container. Handle absorbed material according to applicable local/state/federal waste requirements.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information of basic physical and chemical properties

Property/Parameter	Result/Value
a) Appearance	White Liquid
b) pH	8.5 to 9.0
c) Color	Milky white
d) Odor	Slight odor, mild
e) Freezing/Melting Point	32°F (0 °C)
f) Boiling Range	212 °F (100 °C) water-based system
g) Flash Point	>235 °F, (> 113 °C)
h) Auto Ignition Temperature	No Data Available
i) Explosive Limits UEL, LEL	No Data Available
j) Decomposition Temperature	No Data Available
k) Flammability	Effectively nonflammable
l) Vapor Pressure	Similar to water
m) Vapor density vs air = 1.0	No Data Available
n) Relative Density, water = 1.0	1.02 - 1.05
o) Solubility in water	Partially Soluble
p) Evaporation Rate	Similar to water
q) Viscosity	Slightly more viscous than water
r) VOC	<50 g/L (<0.42 lb/gal)

9.2 Other information, no other information is available

10 STABILITY AND REACTIVITY

10.1 Reactivity: No data is available on reactivity.

10.2 Chemical stability: Stable under normal temperatures and conditions.

10.3 Possibility of hazardous reactions: There are no known hazardous reactions.

10.4 Conditions to avoid: Avoid contact with oxidizers, strong bases or strong acids.

10.5 Incompatible materials: Avoid contact with oxidizers.

10.6 Hazardous decomposition products: No data available.



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11 TOXICOLOGICAL INFORMATION

Name of chemical	LD ₅₀ Oral rat	LD ₅₀ Dermal, rat	LC ₀ Inhalation, rat, aerosol
Propylene Glycol Phenyl Ether (PPh)	2000 mg/kg	2000 mg/kg	5.4 mg/L, 4 hr, saturated

- 11.1 Inhalation:** No Data Available
- 11.2 Skin contact:** Skin contact can cause moderate irritation.
- 11.3 Eye contact:** Eye Contact may cause damage. Immediate first aid is required.
- 11.4 Ingestion:** Immediately call 911 or a POISON CENTER 1 (800) 222-1222 for first aid instructions.
- 11.5 Specific effects:** No specific effects are known.

This product does not contain any ingredient at 0.1% or greater that is designated by IARC, NTP, ACGIH, or OSHA as probable or suspected human carcinogens.

12 ECOLOGICAL INFORMATION

12.1 Toxicity:	Aquatic Toxicity Fish		Aquatic Toxicity Invertebrates	
	LC ₅₀	Species	EC ₅₀	Species
Propylene Glycol Phenyl Ether (PPh)	280 mg/L	Pimphales promelas	370 mg/L	Daphnia magna

- 12.4 Mobility in soil:** No Data Available
- Results, PBT assessment: PBT/vPvB testing is not available as chemical safety assessment is not required.
- Other adverse affects: No other adverse effects are known

13 DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods:** Dispose of waste and residues in accordance with local authority requirements. GHS P501-Dispose of contents/container according to local/state/regional/federal waste regulations.

14 TRANSPORT INFORMATION

This product is covered by international regulation of the transport of dangerous goods (IMDG, IATA, ADR, RID).
 US DOT: Not considered to be dangerous goods under transport regulations.

- 14.1 UN Number:** Not classified as hazardous goods under transport regulations.
- IMDG Sea Transport and IATA Air Transport:** Not classified as hazardous goods under transport regulations.
- 14.2 UN proper shipping name:** Not classified as hazardous goods under transport regulations.
- 14.3 Transport hazard class:** Not applicable
- 14.4 Packing group:** Not regulated
- Packaging group:** Not regulated
- 14.5 Environmental hazards**
- Marine pollutant: Not regulated.
- Environmentally hazardous substance: Not applicable.
- 14.6 Special precautions for user:** No special precautions are known.



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15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for substance or mixture.

This product contains chemicals that are listed by the following Right to Know states; New Jersey & Pennsylvania. Propylene Glycol Phenyl Ether (Glycol Ether PPh) or (1-Phenoxypropan-2-ol), CAS No. 770-35-4 SARA Title III Section 302, This product does not contain any chemicals subject to minimum reporting requirement. SARA Title III Section 311/312: Contains a component that is listed as acute health hazard, Glycol Ether PPh. SARA Title III Section 313, this product does not contain any chemicals with known CAS numbers that exceed the threshold reporting levels.

15.2 Chemical Safety Assessment:

This product is not considered to be hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.

For information on labeling go to section 2

There are no TSCA 12b chemicals in this product

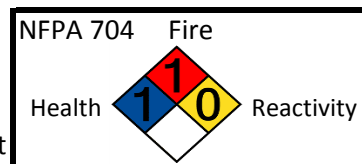
16 OTHER INFORMATION

Before using, read Scofield's Tech-Data Bulletin TD-1580, the complete package label & this SDS and Warranty.

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

Wording of terms:

ACGIH	American Conference of Government Industrial Hygienists
CAS #	Chemical Abstract Service, a unique number for each chemical
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
GHS	Global Harmonization System, worldwide chemical safety program
LC ₅₀	Lethal Concentration that has 50% mortality of population
LD ₅₀	Lethal Dose that has 50% mortality of population
NFPA	National Fire Prevention Association
NIOSH	National Institute of Occupational Safety and Health
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Act
PEL	Permissible Exposure Level
RCRA	Resource Conservation and Recovery Act
RE	Repeated Exposure
RQ	Reportable Quantity
TWA	Time Weighted Average
PBT	Bioaccumulative, Persistent and Toxic
vPvB	Very Persistent and very Bioaccumulative
WHMIS	Workplace Hazardous Materials Information System(Canada)



NFPA Hazards: 0 = Lowest, 4 = highest

Hazardous Material Information	
Health Hazard	1
Fire Hazard	1
Reactivity Hazard	0
Personal Protection	see section 8

0 = minimal hazard, 4 = extreme hazard

California Prop 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.

WHMIS Category: None
WHMIS Signal Word: None

The details in this document are based on our current knowledge and experience and are only for this product and only in regard to safety requirements.



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SDS issue date: July 21, 2015. Updated October 12, 2016 to include SIKA COMPANY Trademark.

END OF SDS

LIMITED 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.