



BUILDING TRUST



L. M. Scofield Company - A SIKA COMPANY

LITHOCHROME Tintura Stain, Part B (base) - 7340

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® Tintura™ Stain (Part B, Base)- 7340

Chemical Name: Water-based mixture of lithium silicate, acrylic copolymer and additives.

1.2 Relevant identified uses of product: LITHOCHROME® Tintura™ Stain is a high performance, self-priming, low-odor, reactive polymer stain for use on interior or exterior, vertical or horizontal concrete and other cementitious surfaces. It is designed for use as a primer/basecoat for clear solvent or waterborne acrylic, urethane, or epoxy sealers.

1.3 Details of the supplier of the safety data sheet:

L. M. SCOFIELD Company **SCOFIELD Phone Number (800) 800-9900** www.scofield.com
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 and 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--May cause respiratory irritation

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.

Prevention Precautionary (P) Statements (continued)

P260--Do not breathe mist or vapor

P264--Wash skin thoroughly after handling.

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

Response Precautionary (P) Statements

P312--Call a POISON CENTER 1 (800) 222-1222 or 911, if you feel unwell.

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.

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 copolymer dispersion

3.2 Mixture: Mixture of lithium silicate and polymer dispersion, with functional additives.

Hazardous Components of Mixture	CAS #	EINECS #	Weight %	NDA = No Data Available
Lithium Silicate Solution	12627-14-4	235-730-0	1-5%	
Dipropylene Glycol n-Butyl Ether (DPnB)	29911-28-2	249-951-5	1-3%	

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, 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, transport person to hospital emergency room and bring this SDS for Doctor.

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:

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

Primary routes of entry: Eye contact, splashing into eye(s), ingestion, skin contact.



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5 FIREFIGHTING 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

Reactivity: Hazardous reactions will not occur under normal conditions.

Fire hazard: Product is effectively nonflammable.

Unusual fire hazards: May produce harmful vapors or fumes in fire, carbon monoxide.

5.3 Advice for firefighting:

Firefighting instructions: Fight fire from a distance.

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

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 45-110 °F (7-43 °C). Keep containers closed and out of direct sunlight until used. Store away from strong acids or strong bases & oxidizers.

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

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

NDA = No Data Available

Components of Mixture	OSHA TWA 8hr	ACGIH TLV	NIOSH
Lithium Silicate Solution	NOEL none	NDA	1 mg/m ³ LiOH
Dipropylene Glycol n-Butyl Ether (DPnB)	10 mg/m ³	NDA	NDA

Personal Protective Equipment





Respirator selection: organic vapor+mist filter

8.2 Exposure controls:

Personal Protective Equipment Symbols:

Personal protection: Wear proper safety equipment when using product.

Engineering measures: Use local exhaust and room ventilation.



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8.2 Exposure controls:

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, P100 or N95.

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.

Hygiene measures: Wash hands after exposure, Remove contaminated clothing, shower and 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. 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	10.5 - 11.5
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	>213 °F, (> 100.4 °C)
h)	Auto Ignition Temperature	NDA
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	1.01 - 1.06
o)	Solubility in water	Partially Soluble
p)	Evaporation Rate	Similar to water
q)	Viscosity	More viscous than water
r)	VOC	<50 g/L (<0.42lb/gal)

9.2 Other information

Other data: Not relevant



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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:** Contact with oxidizers.
- 10.5 Incompatible materials:** Avoid contact with oxidizers.
- 10.6 Hazardous decomposition products:** No Data Available.

11 TOXICOLOGICAL INFORMATION

Name of chemical	LD ₅₀ Oral rat	LD ₅₀ Dermal, rat	LC ₅₀ Inhalation, rat, aerosol
Lithium Silicate Solution	NDA	NDA	NDA
Dipropylene Glycol n-Butyl Ether (DPnB)	3,700 mg/kg	>2000 mg/kg	LC ₀ 2.04 mg/L aerosol 4 hr

- 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. Lithium compounds may damage the central nervous system.
 - 11.5 Specific effects:** No special effects are known.
- This product does not contain any ingredient at 0.1% or greater 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	Exposure time	EC ₅₀	Species	Exposure time
Components of Mixture						
Lithium Silicate Solution	NDA	NDA	NDA	NDA	NDA	NDA
Dipropylene Glycol n-Butyl Ether (DPnB)	841 mg/L	Poecilla reticulata	96 hr	>1000 mg/L	Daphnia magna	48 hr

13 DISPOSAL CONSIDERATIONS

Waste is considered as hazardous waste. Dispose of waste and residues in accordance with local regulations. GHS P501-Dispose of contents/container according to applicable local/state/regional/federal waste regulations.

14 TRANSPORT INFORMATION

- This product is not covered by international regulation of the transport of dangerous goods (IMDG, IATA).
- 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.

Safety Data Sheet & Warranty



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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: None known.

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 and Pennsylvania.

SARA Title III Section 302, This product does not contain any chemicals subject to minimum reporting requirements.

SARA Title III Section 311/312: Does not contain any chemicals that are listed as acute health hazards.

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.

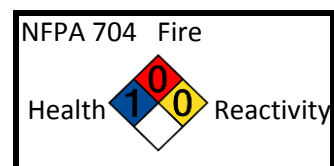
16: OTHER INFORMATION

Before using, read Scofield's Tech-Data Bulletin TD-7340 and the complete package label and 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 Number	Chemical Abstract Service, unique number for each chemical
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
EINECS	European Inventory of Existing Commercial Chemical Substances
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
NOEL	No occupational exposure limit established.
NFPA	National Fire Prevention Association
NTP	National Toxicology Program
OEL	Occupational Exposure Limit



0 = lowest hazard, 4 = highest hazard

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

OSHA	Occupational Safety and Health Act
PEL	Permissible Exposure Level
RCRA	Resource Conservation and Recovery Act
RE	Repeated Exposure
RQ	Reportable Quantity
SARA III	Superfund Amendments and Reauthorization Act
SDS	Safety Data Sheet (GHS replacement for MSDS)
SVHC	Substance of Very High Concern
SE	Single Exposure
STOT	Specific Target Organ Toxicity
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
PBT	Bioaccumulative, Persistent and Toxic
vPvB	Very Persistent and very Bioaccumulative
WHMIS	Workplace Hazardous Materials Information System(Canada)

WHMIS Category: None WHMIS Signal Word: None

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.
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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.

SDS issue date: July 20, 2015. Revised August 22, 2016, added SIKA COMPANY Trademark.

Removed Proprietary Acrylic Copolymer Description, June 20, 2017, it is not a hazardous material.

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 risks and liability in connection therewith.