



BUILDING TRUST



Safety Data Sheet

L. M. Scofield Company - A SIKA COMPANY

LITHOCAST™ Surface Retarder

4155 Scofield Road
Douglasville, GA 30134
Phone 1-800-800-9900 -- Fax 770-920-6060
www.scofield.com

THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

Section 1 Identification

PRODUCT IDENTITY: LITHOCAST™ Surface Retarder
PRODUCT USES: Concrete Surface Retarder for Exposing Aggregate
COMPANY IDENTITY: Scofield Company, a Business Unit of Sika
COMPANY ADDRESS: Corporation 4155 Scofield Road
COMPANY CITY: Douglasville, GA 30134
COMPANY PHONE: 1-770-920-6000
EMERGENCY PHONES: CHEMTREC: 1-800-424-9300 (USA)
CANUTEC: 1-613-996-6666 (CANADA)

Section 2, Hazard(s) identification

Warning! 2.1

HAZARD STATEMENTS:

H100s = General, H200s = Physical, H300s = Health, H400s = Environmental

H313 May be harmful in contact with skin. (Cat: 5)
H320 Causes eye irritation. (CAT: 2B)

2.2 PRECAUTIONARY STATEMENTS:

P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal

P201 Obtain special instructions before use.
P202 Do not handle till all safety precautions are understood.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P264 Wash hands and forearms thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P304+340 IF INHALED: Remove victim to fresh air & keep at rest in a position comfortable for breathing.
P308+313 If exposed or concerned, get medical advice/attention.
P312 Call a poison control center / doctor if you fell unwell.
P361 Remove/Take off immediately all contaminated clothing.
P403+233 Store in well ventilated place. Keep containers tightly closed.
P501 Dispose of contents/ container in accordance with local/regional/national and international regulations.

SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.

Section 3, Composition / Information on Ingredients

MATERIAL	CAS#	EINECS#	WT %
Tartaric and/or	87-69-4	201-766-0	1-10
Citric acids	77-92-9	201-069-1	1-10

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration. None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

Section 4, First Aid Measures

4.1 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE & DELAYED:

See Section 11 for symptoms/effects, acute & delayed.

4.2 GENERAL ADVICE:

First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists, refer to Section 8 for specific personal protective equipment.

4.3 EYE CONTACT:

If this product enters the eyes, open eyes while under gently running water. Use sufficient force to open eyelids. "Roll" eyes to expose more surface. Minimum flushing's for 15 minutes. Seek immediate medical attention.

4.4 SKIN CONTACT:

If the product contaminates the skin, wash with soapy water.

4.5 INHALATION:

After high vapor exposure, remove to fresh air.

4.6 SWALLOWING:

If swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, give two glasses of water to drink. DO NOT INDUCE VOMITING. Never induce vomiting or give liquids to someone who is unconscious, having convulsions, or unable to swallow. Seek immediate medical attention.

4.7 NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (such as: Gastric lavage after endotracheal intubation).

Section 5, Fire Fighting Measures

5.1 FIRE & EXPLOSION PREVENTIVE MEASURES:

The material is non-flammable and will not support combustion.

5.2 SUITABLE (& UNSUITABLE) EXTINGUISHING MEDIA:

NA.

5.3 SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS FOR FIRE FIGHTERS:

NA.

5.4 SPECIFIC HAZARDS OF CHEMICAL & HAZARDOUS COMBUSTION PRODUCTS:
NA

Section 6, Accidental Release Measures

6.1 SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:

Isolate and contain spill. Place waste in a disposal container and dispose of in accordance with local and state RCRA rules and regulation.

6.2 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, EMERGENCY PROCEDURES:

NA.

6.3 ENVIRONMENTAL PRECAUTIONS:

NA.

6.4 METHODS AND MATERIAL FOR CONTAINMENT & CLEAN-UP:

Pick up material and reuse as needed.

Section 7, Handling and Storage

7.1 PRECAUTIONS FOR SAFE HANDLING:

Standard work gloves, disposable dust mask to control excessive dust.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in a cool, dry location. Isolate from Fluorine, magnesium, acids, alum, ammonium salts.

Section 8, Exposure Controls / Personal Protective Equipment

8.1 EXPOSURE LIMITS:

MATERIAL

None Listed, Product is non Hazardous

8.2 APPROPRIATE ENGINEERING CONTROLS:

RESPIRATORY EXPOSURE CONTROLS

Maintain airborne contaminant concentrations below exposure limits given above. If respiratory protection is needed, use only protection authorized in 29 CFR 1910.134, European Standard EN 149, or applicable State regulations.

EMERGENCY OR PLANNED ENTRY INTO UNKNOWN CONCENTRATIONS OR IDLH CONDITIONS

NA.

VENTILATION

LOCAL EXHAUST: If Necessary

SPECIAL: None

MECHANICAL (GENERAL): If Necessary

OTHER: None

Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION:

Splash goggles or safety glasses.

HAND PROTECTION:

Use standard cloth work gloves.

BODY PROTECTION:

Use body protection appropriate for task. Coveralls, are generally acceptable, depending on the task.

WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Remove clothing that becomes contaminated.

Section 9, Physical & Chemical Properties

APPEARANCE:	Blue liquid
ODOR:	Mild Odor
ODOR THRESHOLD:	Not Available
pH (Neutrality):	<4
MELTING POINT/FREEZING POINT:	Not Available
BOILING RANGE (IBP, 50%, Dry Point):	Not Applicable
FLASH POINT (TEST METHOD):	Not Applicable
EVAPORATION RATE (n-Butyl Acetate=1)	Not Applicable
FLAMMABILITY CLASSIFICATION:	Not Applicable
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Applicable
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg @ 20 C):	Not Applicable
VAPOR DENSITY (air=1):	Not Applicable
GRAVITY @ 68/68 F / 20/20 C:	
DENSITY:	Not Available
SPECIFIC GRAVITY (Water=1):	1.07
POUNDS/GALLON:	Not Available
WATER SOLUBILITY:	Insoluble
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
DENSITY:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VOCs (>0.044 Lbs./Sq In):	Not Applicable
TOTAL VOC'S (TVOC)*:	Not Applicable
NONEXEMPT VOC'S (CVOC)*:	Not Applicable
HAZARDOUS AIR POLLUTANTS (HAPS):	Not Applicable
NONEXEMPT VOC PRESSURE (mm of Hg @ 20 C):	Not Applicable
VISCOSITY @ 20 C (ASTM D445):	Not Applicable

* Using CARB (California Air Resources Board Rules).

Section 10, Stability & Reactivity

10.1 REACTIVITY & CHEMICAL STABILITY:
Stable under normal conditions.

10.2 POSSIBILITY OF HAZARDOUS REACTIONS & CONDITIONS TO AVOID:
NL.

10.3 INCOMPATIBLE MATERIALS:
Strong Oxidizing Agents, Unintentional contact with water.

10.4 HAZARDOUS DECOMPOSITION PRODUCTS:
NL.

10.5 HAZARDOUS POLYMERIZATION:
Will not occur

Section 11, Toxicological Information

11.1 ACUTE HAZARDS

11.11 EYE & SKIN CONTACT:

May cause irritation to skin, and eyes.
Primary irritation to eyes, redness, tearing, blurred vision.
Wash thoroughly after handling with soap and water.

11.12 INHALATION:

May irritate respiratory tract.

11.13 SWALLOWING:

Harmful if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

11.2 SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED

NL

11.3 CHRONIC HAZARDS

11.31 NL

11.4 MAMMALIAN TOXICITY INFORMATION

No recognized unusual toxicity to plants and animals

Section 12, Ecological Information

12.1 ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

12.2 EFFECT OF MATERIAL ON PLANTS AND ANIMALS:

NL.

12.3 EFFECT OF MATERIAL ON AQUATIC LIFE:

NL.

12.4 MOBILITY IN SOIL

Mobility of this material has not been determined.

12.5 DEGRADABILITY

Will not degrade.

12.6 ACCUMULATION

Bioaccumulation of this product has not been determined.

Section 13, Disposal Considerations

Material may be picked up, reclaimed and reused.

Section 14, Transportation Information

MARINE POLLUTANT:	No
DOT/TDG SHIP NAME:	Non Regulated
DRUM LABEL:	Non Regulated
IATA / ICAO:	Non Regulated
IMO / IMDG:	Non Regulated

Section 15, Regulatory Information

15.1 EPA REGULATION:

SARA SECTION 311/312 HAZARDS:

Non Hazardous, No Sara Reportable
All components of this product are on the TSCA list.

SARA TITLE III SECTION 313 SUPPLIER NOTIFICATION

SARA TITLE III INGREDIENTS

None

RISK AND SAFETY PHRASES

None

15.2 STATE REGULATIONS:

Not applicable

Section 16, Other Information

16.1 HAZARD RATINGS:

HEALTH (NFPA): , HEALTH (HMIS): 1, FLAMMABILITY: 0, Reactivity: 0

16.2 EMPLOYEE TRAINING

Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

16.3 SDS DATE: 05/25/2018

Notes to Reader:

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