



BUILDING TRUST



L. M. Scofield Company - A SIKA COMPANY

SCOFIELD Selectseal Plus - 1645

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: SCOFIELD® Selectseal® Plus™ Clear Concrete Sealer - 1645

Chemical Name: Water-based dispersion of acrylic and polyurethane polymers & functional coating additives.

1.2 Relevant identified uses of product: Product is used as a high-performance architectural concrete coating.

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, eye contact, SE, H320, category 2B
Acute toxicity, mist inhalation, SE, H332, category 2

Acute Toxicity

H303--May be harmful if swallowed.
H320--Causes eye irritation.
H332--May cause respiratory irritation.

Chronic Toxicity

No chronic toxicity is known.

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.
P260--Do not breathe mist or vapor.
P271--Use only in a well ventilated area.
P280--Wear protective gloves/protective clothing/eye protection.



Signal Word: **WARNING**

GHS Category Key

1 = Most Hazardous
5 = Least Hazardous



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Response Precautionary (P) Statements

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

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

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, ingestion 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 dispersions, and functional additives. Product contains no hazardous chemicals. The exact percentages in this composition and some components have been withheld as a trade secret.

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 or 911 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 & bring this SDS.

4.2 Most important symptoms and effects both acute and delayed:

Hazards: Acute, mild 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), inhalation of mists, ingestion, skin contact.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media: Use water spray (not a jet) or dry chemical extinguishing media or CO₂ or foam to fight fire.

5.2 Special Hazards arising from the substance or mixture:

Fire hazard: Low flammability hazard.

Explosion hazard: None

Reactivity: Hazardous reactions will not occur under normal conditions.

Fire hazard: Effectively nonflammable

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

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.



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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 in a dry cool area. Keep containers closed and out of direct sunlight until used. Store away from strong acids or strong bases or strong oxidizers.

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

8 EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters:

No components of this product have permissible exposure limits (TLV) or PELs under OSHA, ACGIH, or NIOSH.

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.

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.

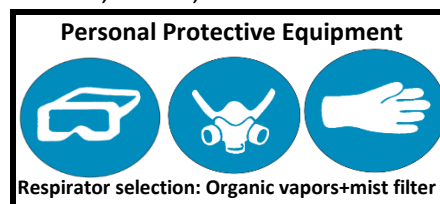
Hand protection: Wear chemical resistant gloves, such as neoprene or nitrile rubber.

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





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9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information of basic physical and chemical properties

Property/Parameter	Result/Value
a) Appearance	White Liquid
b) pH	8.8 to 9.2
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
g) Flash Point	441 °F (227 °C)
h) Auto Ignition Temperature	No Data Available
i) Explosive Limits UEL, LEL	No Data Available
j) Decomposition Temperature	441 °F (227 °C)
k) Flammability	Low flammability
l) Vapor Pressure	Similar to water
m) Vapor density vs air = 1.0	No Data Available
n) Relative Density, water = 1.0	1.0 - 1.2
o) Solubility in water	Partially Soluble
p) KOW Partition Coefficient	No Data Available
q) Evaporation Rate	Similar to water
r) Viscosity	More viscous than water
s) VOC	<100 g/L (0.83lb/gal)

9.2 Other information

Other data: Not relevant

10 STABILITY AND REACTIVITY

10.1 Reactivity: Not reactive under normal conditions.

10.2 Chemical stability: Stable under normal temperatures and conditions. Not corrosive to metals.

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 hazardous decomposition product are known.



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11 TOXICOLOGICAL INFORMATION

11.1 Inhalation: No inhalation exposure limits have been established for this product

11.2 Skin contact: Skin contact can cause moderate irritation.

11.3 Eye contact: Eye Contact may cause damage. Immediate first aid (washing eyes) is required.

11.4 Ingestion: If ingested, immediately call a POISON CENTER 1 (800) 222-1222 or 911 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 designated by IARC, NTP, ACGIH, or OSHA as a probable or suspected human carcinogen.

12 ECOLOGICAL INFORMATION

12.1 Toxicity:

The acute toxicity of some of the chemical components in this product is not known.

12.4 Mobility in soil: No Data Available

Results, PBT assessment: PBT/vPvB testing is not available and is not relevant and is not required.

Other adverse effects: No 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 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.

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 one chemical that is listed by the following Right to Know states; New Jersey and Pennsylvania: Poly(Ethylene Glycol-ran-Propylene Glycol) Monobutyl Ether, CAS Number 9038-95-3.

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

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

SARA Title III Section 311/312: Immediate health, This product does not contain any chemicals that exceed the minimum threshold reporting levels.

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-1645 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

ATE Acute Toxicity Estimate

CAS Number Chemical Abstract Service, unique number for each chemical

CERCLA Comprehensive Environmental Response, Compensation & Liability Act NFA: 0 = lowest hazard, 4 = highest hazard

EINECS European Inventory of Existing Commercial Chemical Substances

GHS Global Harmonization System, worldwide chemical safety program

LC₅₀ Lethal Concentration that has 50% mortality of population

LD₅₀ Lethal Dose that has 50% mortality of population

NFPA National Fire Prevention Association

NTP National Toxicology Program

OEL Occupational Exposure Limit

OSHA Occupational Safety and Health Act

PEL Permissible Exposure Level

RCRA Resource Conservation and Recovery Act

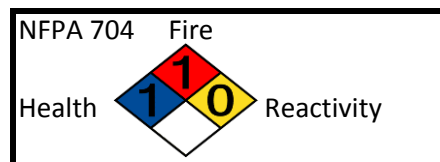
RE Repeated Exposure

RQ Reportable Quantity

SARA III Superfund Amendments and Reauthorization Act

SDS Safety Data Sheet (GHS replacement for MSDS)

SVHC Substance of Very High Concern



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

0 = minimal hazard, 4 = extreme hazard

Safety Data Sheet & Warranty



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Wording of Terms (continued)

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)

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.

SDS issue date: July 21, 2015. Revised October 18, 2016 to add 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.