

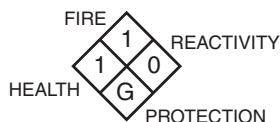


MATERIAL SAFETY DATA SHEET and WARRANTY

B-450 Rev6/11

Date: November 16, 2010

Section I Identification



HEALTH	[1]
FIRE	[1]
REACTIVITY	[0]
PROTECTION	[G]

Product Name: **SCOFIELD® Formula One™ Guard-W**
 Chemical Name: **Mixture**
 Chemical Family: **Hybrid of Silicate and Acrylic Polymers**
 Chemical Formula: **Mixture**
 Emergency Telephone Number: **CHEMTREC (800) 424-9300**
 Telephone Number Information: **SCOFIELD (770) 920-6000 (323) 720-3000**

Section II Composition/ Information on Ingredients

Composition	Weight	OSHA TWA	ACGIH TLV	CAS Number
Lithium Silicate	5-25%	-	-	12627-14-1
Glycol Ether DPnB	1-2%	-	-	29911-28-2

Section III Hazards Identification

Emergency Overview:
In a confined area, vapors in high concentrations may cause headache, nausea, or dizziness. Prolonged or repeated exposure can cause irritation to eyes, skin and upper respiratory tract.

Signs and Symptoms of Exposure:
 Inhalation - **Irritation of the upper respiratory tract, coughing, sore throat, and shortness of breath.**
 Eyes - **Burning or stinging.**
 Skin - **Irritation, redness, burning.**
 Ingestion - **Burning of mouth and throat, nausea, vomiting, diarrhea, or dizziness.**

Chronic Health Effects: **Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (Sometimes referred to as Solvent or Painter's Syndrome). Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal. Chronic exposure may also cause damage to the respiratory system, lungs, eyes, skin, gastrointestinal tract, liver, spleen and kidneys. Repeated skin contact may cause persistent irritation or dermatitis.**

Medical Conditions Generally Aggravated by Exposure: **Dermatitis.**

Section IV First Aid Measures

Emergency and First Aid Procedures:
 Eyes - **Flush IMMEDIATELY with lukewarm water while holding eyelids apart. Flushing within several seconds is essential to achieve maximum effectiveness. If irritation continues, get medical attention.**

Skin - **Wash thoroughly with soap and water. Remove soiled clothing and footwear and wash before reuse. If irritation occurs, get medical attention.**

Ingestion - **Do not induce vomiting. Vomiting will cause further damage to the throat. Give conscious victim 1 to 2 glasses of water. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Contact local poison control center. Transport victim to an emergency facility if advised to do so.**

Section IV First Aid Measures (continued)

Inhalation - **If breathing becomes difficult, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention.**

Section V Fire and Explosion Hazard Data

Flash Point (Method Used): **> 200°F**

Flammable Limits: **Not Determined**

Extinguishing Media: **Water spray, dry chemical, foam and CO₂.**

Special Fire Fighting Procedures: **Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool tightly closed containers exposed to fire with water.**

Unusual Fire and Explosion Hazards: **Closed containers may rupture due to high buildup of pressure and weakening of the container structure when exposed to extreme heat.**

Section VI Accidental Release Measures

Steps to be taken in Case Material is Released or Spilled: **Only qualified personnel who have read the product Tech-Data Bulletins and this MSDS should conduct these procedures. Persons not wearing protective equipment should be excluded from the area. Follow procedures in Section VIII - Exposure Controls/Personal Protection. Liquid material spills may be slippery.**

Cordon off area if necessary to prevent unauthorized traffic or entry. Collect with wet vacuum or absorb with inert material and place in labeled waste container for disposal together with all contaminated matter or equipment. If unable to prevent release to soil or waters of the state, immediate notice to local regulatory authorities is required.

Section VII Precautions for safe Handling and Use

Precautions to be Taken in Handling and Storing: **The user is cautioned to be thoroughly familiar with all applicable requirements before using this product. Follow personal protection procedures (Section VIII) when handling the material. Store upright in a cool, dry well ventilated area, in tightly closed containers away from combustible materials and sources of heat. Avoid freezing. Once frozen, do not use. Store between 45°F and 120°F. Protect from physical damage. Labels must not be removed from containers. Product should only be stored in original containers.**

Section VIII Exposure Controls/ Personal Protection

Ventilation/Engineering Controls: **Adequate ventilation and sufficient local exhaust as needed to control exposure.**

Respiratory Protection: **P100/Organic Vapor respirator (NIOSH TC-84A 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.**

Eye Protection: **Chemical splash goggles recommended.**

Skin Protection: **Impervious, chemical-resistant gloves recommended.**

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

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

MATERIAL SAFETY DATA SHEET and WARRANTY

SCOFIELD® Formula One™ Guard W

Section IX Physical and Chemical Characteristics

Appearance:	Milky liquid
Odor:	Slight odor
Solubility in Water:	Partially soluble
Specific Gravity (H ₂ O = 1):	Approximately 1.05
Vapor Density (Air = 1):	Similar to water
Vapor Pressure (mm Hg.):	Similar to water
Boiling Point:	Similar to water
Freezing Point:	Similar to water
pH:	Approximately 10-11
Evaporation Rate: (But Ac=1)	Similar to water
Volatile Organic Compounds:	< 100 g/L (0.83 lb/gal)

Section X Stability and Reactivity

Stability:	Stable.
Conditions to Avoid:	Freezing. Excessive heat or open flame.
Incompatibility (Materials to Avoid):	Strong oxidizing agents.
Hazardous Decomposition or Byproducts:	CO and CO ₂ may be produced.
Hazardous Polymerization:	Will not occur.

Section XI Toxicological Information

No delayed, subchronic or chronic test data 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.

Section XII Ecological Information

Aquatic Toxicity Rating:

LC₅₀ aquatic toxicity rating not determined. Although there is no toxicity data available, it is reasonable to assume that sufficient quantities will affect aquatic life. Precautions should be taken to prevent the accidental release of this material to the environment.

Section XIII Disposal Considerations

Waste disposal method:
Follow personal protection procedures (Section VIII) when disposing of material. Disposal of all residual product, used absorbent materials, and discarded equipment must be in accordance with all applicable federal, state and local regulations.

Scofield cannot make specific recommendations for disposal in any particular locality. Without endorsement of any particular waste disposal company, Scofield offers the following companies as possible resources for the disposal of industrial or hazardous waste.

Veolia Environmental	1-800-426-2382
Heritage Environmental	1-800-827-4374

Companies who dispose of hazardous waste may also be found on the Internet using "Hazardous Waste Disposal" as key search words.

MATERIAL SAFETY DATA SHEET and WARRANTY

SCOFIELD® Formula One™ Guard W

Section XIV Transport Information

DOT Hazard Class:
Not regulated.

Section XV Regulatory Information

U.S. FEDERAL REGULATIONS:

This product contains a chemical subject to the reporting requirements of Sections 311, 312 of Title III of the Superfund Amendments and Reauthorization Act. OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, material safety data sheets, training and access to written records. It is your legal duty to make all information in this Material Safety Data Sheet available to your employees.

STATE REGULATIONS:

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 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.

For all state regulations, please check with the appropriate state agency.

INTERNATIONAL REGULATIONS:

Consult the regulations of the importing country

Section XVI Other Information

Before using, read Scofield's Tech-Data Bulletin *B-450 SCOFIELD Formula One Guard-W* and the container label.

WARRANTY

Since no control is exercised over product use, L. M. Scofield Company 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.