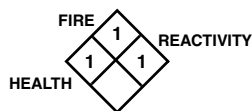


# MATERIAL SAFETY DATA SHEET and WARRANTY

B104-0C01

Date: March 1, 2010

## Section I Identification



HEALTH	[1]
FLAMMABILITY	[1]
REACTIVITY	[1]
PROTECTION	[G]

Product Name:	<b>SCOFIELD® Repello®</b>
Chemical Name:	<b>Mixture</b>
Chemical Family:	<b>Mixture</b>
Chemical Formula:	<b>Mixture</b>
Emergency Telephone Number:	<b>CHEMTREC (800) 424-9300</b>
Telephone Number for Information:	<b>SCOFIELD (770) 920-6000 (323) 720-3000</b>

## Section II Composition/ Information on Ingredients

Composition	Weight	OSHA TWA	ACGIH TLV	CAS Number
<b>Octyltriethoxysilane</b>	<b>&lt; 5%</b>	<b>NE</b>	<b>NE</b>	<b>2943-75-1</b>
<b>Dipropylene glycol n-butyl ether</b>	<b>&lt; 5%</b>	<b>Aerosol 10 mg/m<sup>3</sup></b>	<b>NE</b>	<b>29911-28-2</b>

NE = Not established

## 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, headache, dizziness, nausea, loss of coordination, drowsiness and loss of consciousness.**

Eyes — **Burning or stinging.**

Skin — **Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis.**

Ingestion — **Burning of mouth and throat, nausea, vomiting, diarrhea, or dizziness.**

Medical Conditions Generally Aggravated by Exposure: **Dermatitis. Pre-existing liver or kidney disorders.**

## 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.**

Inhalation — **If breathing becomes difficult, leave the area to obtain fresh air. If continued difficulty is experienced, 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.**

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

# MATERIAL SAFETY DATA SHEET and WARRANTY

Date: March 1, 2010

SCOFIELD® Repello®

## 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 CO <sub>2</sub> .
Special Fire Fighting Procedures:	Avoid breathing smoke, fumes and decomposition products. 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 40° F and 90° 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 to minimize worker exposure to mists and overspray.**

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: **Do not aerosolize or atomize. In spray applications, do not use power or high-pressure spray equipment. Spray only with hand-pump spray equipment at less than 60 psi and exhaust ventilation to minimize worker exposure to mists and overspray. Wash with soap and water immediately after handling.**

# MATERIAL SAFETY DATA SHEET and WARRANTY

Date: March 1, 2010

SCOFIELD® Repello®

## Section IX Physical and Chemical Characteristics

Appearance:	Milky liquid
Odor:	Slight odor
Vapor Pressure (mm Hg.):	Not determined
Vapor Density (Air = 1):	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Solubility in Water:	Partially soluble
Specific Gravity (H <sub>2</sub> O = 1):	Approximately 1.0
Evaporation Rate (Butyl Acetate = 1):	Not determined
Volatile Organic Compounds:	< 100 g/L (0.83 lb/gal)

## Section X Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	Freezing. Temperatures above 90° F.
Incompatibility (Materials to Avoid):	Strong oxidizing agents and acids.
Hazardous Decomposition or By-products:	Formaldehyde. CO and CO <sub>2</sub> may be produced.
Hazardous Polymerization:	Will not occur.

## Section XI Toxicological Information

Toxicity: **No delayed, subchronic, or chronic test data are known. This product does not contain any known ingredient raw materials 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: **LC<sub>50</sub> 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

Date: March 1, 2010

SCOFIELD® Repello®

## Section XIV Transport Information

US 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 this product:  
**Completely read the Scofield Tech-Data Bulletin *B-104 SCOFIELD Repello* and the container label.**

---

## 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.

---