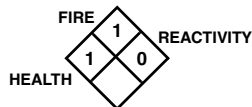


MATERIAL SAFETY DATA SHEET and WARRANTY

T804-8J23

Date: September 23, 2008

Section I Identification



HEALTH	[1]
FLAMMABILITY	[1]
REACTIVITY	[0]
PROTECTION	[E]

Product Name:	SCOFIELD® Traction Additive
Chemical Name:	Polypropylene
Chemical Family:	Homopolymer
Chemical Formula:	Polymer
Emergency Telephone Number:	CHEMTREC (800) 424-9300
Telephone Number for Information:	SCOFIELD (770) 920-6000 (323) 720-3000

Section II Composition/ Information on Ingredients

Composition	Weight	OSHA TWA	ACGIH TLV	CAS Number
Polypropylene Homopolymer	90–100%	15 mg/m³	NE	9003-07-0

NE = Not established

Section III Hazards Identification

Primary Routes of Exposure: Skin contact, eye contact, and inhalation.
Effects of Acute Exposure: May cause irritation to the upper respiratory tract. Abrasion may cause eye irritation.
Effects of Chronic Exposure: Repeated skin contact can lead to drying, defatting, itching, stinging, and irritation.
Signs and Symptoms of Exposure: Inhalation — Sneezing, coughing, respiratory irritation, headache, or other nuisance symptoms. Eyes — Irritation Skin — Mild irritation, itching, scaling, and drying of skin. Ingestion — Nontoxic, may cause mild discomfort.
Medical Conditions Generally Aggravated by Exposure: May irritate people with skin problems, asthma and lung diseases. Susceptible individuals may have an allergic reaction.

Section IV First Aid Measures

Emergency and First Aid Procedures: Inhalation — Move to fresh air. Skin — Wash thoroughly with soap and water. Remove soiled clothing and wash before reuse. Ingestion — Induce vomiting if large quantities are ingested. Get medical attention. Eyes — DO NOT RUB EYES. Immediately flush thoroughly with large amounts of water.
If symptoms persist or develop, get medical attention.

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Section V Fire and Explosion Hazard Data

Flash Point (Method Used):	> 530° F
Flammable Limits:	Unknown
Extinguishing Media:	Carbon Dioxide, dry chemical or fine water spray. Avoid water stream on molten, burning material as it may scatter and spread the fire.
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and protective clothing approved by NIOSH. Watch footing on floors and stairs because of possible melting and spreading of material. Use light water spray to keep containers cool.
Unusual Fire and Explosion Hazards:	Melts in proximity to fires causing slippery floors and stairs. When powder is suspended in air, these products could be flammable/explosive. In these circumstances, keep away from heat, sparks and open flames. Static charges on powders or powders in liquids may ignite flammable atmospheres. Refer to the National Fire Protection Association publication <i>NFPA 654: Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids</i> for safe handling procedures.

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 <i>Section VIII—Exposure Controls/Personal Protection</i>. Avoid generating dust during recovery or disposal. Collect in labeled waste container. If unable to prevent release to soil or waters of the State, immediate notice to local regulatory authorities is required.
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Section VII Precautions for Safe Handling and Use

Precautions to be Taken in Handling and Storing:	Follow personal protection procedures (<i>Section VIII</i>) when handling the material. Store in a cool, dry, well-ventilated area, in unopened original packaging or in tightly closed containers. Protect from physical damage.
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Section VIII Exposure Controls/ Personal Protection

Ventilation/Engineering Controls:	Adequate ventilation and sufficient local exhaust as needed to maintain exposure below TWA limits.
Respiratory Protection:	Wear dust (particulate) respirator (NIOSH TC-84A approved). 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:	Goggles recommended.

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Section VIII Exposure Controls/ Personal Protection (continued)

Skin Protection: **Wear impervious gloves.**

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

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

Section IX Physical and Chemical Characteristics

Appearance: **White powder**

Odor: **Odorless**

Boiling Point: **Not applicable**

Freezing Point: **Not applicable**

Vapor Pressure (mm Hg.): **Not applicable**

Vapor Density (Air = 1): **Not applicable**

Solubility in Water: **Slight**

Specific Gravity (H₂O = 1): **0.9**

Evaporation Rate (Butyl Acetate = 1): **Not applicable**

Volatile Organic Compounds: **Nil**

Section X Stability and Reactivity

Stability: **Stable**

Conditions to Avoid: **Excessive heat, spark, and open flame.**

Incompatibility (Materials to Avoid): **Strong oxidizing agents, amines.**

Hazardous Decomposition or By-products: **CO and CO₂**

Hazardous Polymerization: **Will not occur.**

Section XI Toxicological Information

Health Hazards (Acute and Chronic):

There are no ingredient raw materials at 0.1% or greater listed as potential carcinogens by OSHA, IARC, or NTP.

No reproductive, teratogenic, embryotoxic, or mutagenic effects are known.

No synergistic products or effects are known.

Section XII Ecological Information

Aquatic Toxicity Rating:

LC₅₀ aquatic toxicity rating not determined. Although there is no toxicity data available, there is no reason to assume that sufficient quantities will not affect aquatic life.

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Section XIII Disposal Considerations

Waste Disposal Method:

This product is not a hazardous waste and should be disposed of in accordance with local, state, and federal regulations.

Section XIV Transport Information

DOT Hazard Class:

Not regulated

Section XV Regulatory Information

U. S. Federal Regulations:

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.

International Regulations:

Consult the regulations of the importing country.

Section XVI Other Information

Before using this product:

Completely read the Scofield Tech-Data Bulletin *T-804 SCOFIELD Traction Additive* and the product 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.
