



Drilling Fluids, Inc.

Material Safety Data Sheet (MSDS)

MSDS date: 06-May-2009

SECTION I — IDENTIFICATION

Manufacturer's Name: GEO Drilling Fluids, Inc.
1431 Union Ave.
Bakersfield, California 93305
Phone Number: 661-325-5919
Emergency Phone Number: 800-438-7436
Product Name: PolyTeK+ II
Chemical Name and Synonyms: Proprietary Blend
Chemical Family: Blend of Polymers and Salts
CAS Reg. No: None

SECTION II — INGREDIENTS AND HAZARD CLASSIFICATION

Components: Proprietary blend
Composition: All ingredients are non-hazardous.

SECTION III — HEALTH INFORMATION

Primary route of Exposure/Entry: Inhalation

Acute Effects of Overexposure:

Ingestion: None.
Inhalation: Dust may cause irritation of nasal and respiratory passages.
Skin: May cause irritation with repeated prolonged contact.
Eyes: May cause irritation.

Dust Hazard: Contains nuisance dust. Contains less than 0.03% respirable silica dust. Dust Control as Particulate Not Otherwise Classified (PNOC). The ACGIH Guideline for respirable dust is 3.0 mg/m³ and 10.0mg/m³ for total dust. The OSHA PEL for respirable dust is 5.0 mg/m³ and 15.0 mg/m³ for total dust.

SECTION IV — OCCUPATIONAL EXPOSURE LIMITS

OSHA Permissible Exposure Limits (PEL): See Section II.
ACGIH Threshold Limit Value: See Section II.

SECTION V — EMERGENCY FIRST AID PROCEDURE

For overexposure by swallowing: Do not induce vomiting. If large amounts are swallowed, give two glasses of water to drink and seek medical attention.

For overexposure by skin contact: Wash with soap and water.

For overexposure by eye contact: Immediately flush eyes with plenty of cool water for at least 15 minutes. Do not let victim rub eyes. Get medical attention immediately.

For overexposure by inhalation: Immediately remove victim to fresh air. If victim has stopped breathing give artificial respiration, preferably by mouth-to-mouth. Get medical attention immediately.

SECTION VI — PHYSICAL DATA

Appearance and color: Tan powder.
Bulk Density: 0.95 grams/cubic centimeter

SECTION VII — FIRE AND EXPLOSION HAZARDS

Flash Point & Method Used: Not Applicable
Auto Ignition Temperature: >200°F
Flammable Limits in Air % by Volume: N/A
Special Fire Fighting Procedures & Precautions: (Individuals should perform only those fire-fighting procedures for which they have been trained). Wear self-contained breathing apparatus with a full faceplate operated in the positive [pressure mode] when fighting fires.
Unusual Fire & Explosion Hazards: May form explosive dust-air mixture
Extinguishing Media: Water, CO₂, foam, dry chemical
Special Hazard: Product becomes slippery when wet.

SECTION VIII — REACTIVITY

Stability: Stable
Hazardous polymerization: None

SECTION VIII — REACTIVITY (Continued)

Conditions & materials to avoid: None

Hazardous decomposition products: None

SECTION IX — EMPLOYEE PROTECTION

Control measures: Handle in the presence of adequate ventilation.

Respiratory protection: Use nuisance dust mask.

Gloves: Wear protective gloves to prevent drying of skin.

Eye Protection: Wear Safety Glasses

Dust protection: Wear dust mask if engineering controls do not limit ambient dust.

Personal hygiene: Do not get in eyes, on skin, or on clothing. Do not breathe dust. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Engineering Control: Use with adequate ventilation. Keep container closed when not in use.

SECTION X — ENVIRONMENTAL PROTECTION

Spills: If small amounts are spilled, sweep and put in garbage. Use water with caution as wet material is slippery.

Waste Disposal Method: Material can be dumped in a regular land fill site. Follow state and local regulations.

SECTION XI — PRECAUTIONS: HANDLING, STORAGE AND USAGE

Store in sealed containers in a dry place away from heat.

Keep area clean. Surfaces subject to spills or dusting with this product become slippery when wet.

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which GEO Drilling Fluids, Inc. bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.