



# FRANCIS DRILLING FLUIDS, LTD.

## MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

Trade Name(s): FDF Mud Paper	
Generic Name(s): Paper	
Chemical Name(s): Paper	
Francis Drilling Fluids, LTD. P.O. Box 1694 Crowley, LA 70527-1694	Emergency/Telephone No.: 800-960-6610 337-783-8685 Hazardous Materials No.: 800-255-3924 Poison Control Center No.: 800-256-9822

### II. HAZARDOUS INGREDIENTS

Ingredient	CAS No.	%	Hazard
None			

### III. NFPA/HMIS HAZARD IDENTIFICATION SYSTEM

0=LEAST	1=SLIGHT	2=MODERATE	3=HIGH	4 =EXTREME
Health: 0				
Fire: 0				
Reactivity: 0				

### IV. PHYSICAL DATA

Boiling Point (°F): NA	Specific Gravity (H <sub>2</sub> O=1): .4
Vapor Pressure (mm. Hg): NA	Melting Point: NA
Vapor Density (Air = 1): NA	Evaporation Rate: NA
Solubility in Water: NA	pH: 8-10
Density (at 20° C): ND	Odor: None
Appearance: Solid paper fiber	Freezing Point: ND

### V. FIRE AND EXPLOSION DATA

Flash Point: NA	Flammable Limits: LEL: ND UEL: ND

Special Fire Fighting Procedures: No special procedures required.
Unusual Fire and Explosion Hazards: None Known
Extinguishing Media: Foam, CO <sub>2</sub> , Dry Chemical

## VI. REACTIVITY

Stability: Stable

Hazardous Polymerization: None

Incompatibility: None

Hazardous Decomposition: None

## VII. HEALTH HAZARD INFORMATION

Routes of Exposure and Effects:

Skin: Dryness of skin

Eyes: Irritant to eyes

Inhalation: Acute (Short term) exposure exceeding the PEL may cause irritation of the respiratory tract resulting in a dry cough.

Ingestion: None reported.

Permissible Exposure Limits: (for air contaminants)

OSHA PEL (8hr. TWA): Total dust - 15 mg/m<sup>3</sup>; Respirable Dust 5 mg/m<sup>3</sup>; Crystalline Quartz (respirable) .1 mg/m<sup>3</sup>

ACGIH TLV: Total Dust - ND; Respirable Dust - ND; Crystalline Quartz (respirable) .1 mg/m<sup>3</sup>

Carcinogenicity:

Listed By NTP: ND

Listed By: IARC: ND

Listed By OSHA: ND

Acute Oral LD50:

Acute Dermal LD50:

Aquatic Toxicology LC50:

Emergency and First Aid Procedures:

Skin: Wash with soap and water until clean.

Eyes: Flush with water until irritation ceases.

Ingestion: None required.

Inhalation: Move to area free of dust, call a physician if irritation continues.

Additional Health Hazard Information:

## VIII. HANDLING AND USE PRECAUTIONS

Steps to be Taken if Material is Released or Spilled: Avoid breathing dust, wear respirator. Vacuum up material. Slippery when wet, avoid water.

Waste Disposal Methods: Dispose in accordance with all applicable federal, state and local regulations.

Handling and Storage Precautions: None

## IX. INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation Requirements: Mechanical, general room ventilation

Respirator: Use respirator approved by NIOSH/MSHA for silica bearing dust.

Eye Protection: Goggles	
Gloves: Generally not required, Personal preference	
Other Protective Clothing or Equipment:	
<b>X. SPECIAL PRECAUTIONS</b>	
<b>XI. ENVIRONMENTAL/SAFETY REGULATION</b>	
<b>DEPARTMENT OF TRANSPORTATION</b>	
Shipping Name: Not Required	Hazard Class: Non Hazardous
Hazardous Substance: NA	
Cautionary Labeling: NA	
NA=Not Applicable; ND=Not Determined or No Data	Date Prepared: June 15, 1995

File Name: paper

The data presented is true and correct to the best of our knowledge and belief; however, neither seller nor preparer make any warranties, express or implied, concerning the information presented. The user is cautioned to perform his own hazard evaluation and to rely upon his own determinations.