



FRANCIS DRILLING FLUIDS, LTD.

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Trade Name(s): Drill Max S.F.T.

Generic Name(s): Black Magic-S.F.T., Air blown asphalt and grinding aids.

Chemical Name(s): Hydrocarbon

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
Silicate		30	OSHA 15 mg/m3, ACGIH 15 mg/m3
Asphalt		50	OSHA 5 mg/m3 ACGIH 5 mg/m3

III. NFPA/HMIS HAZARD IDENTIFICATION SYSTEM

0=LEAST 1=SLIGHT 2=MODERATE 3=HIGH 4 =EXTREME

Health: 1

Fire: 0

Reactivity: 0

IV. PHYSICAL DATA

Boiling Point (°F): NA	Specific Gravity (H ₂ O=1): 1.04
Vapor Pressure (mm. Hg): NA	Melting Point: NA
Vapor Density (Air = 1): NA	Evaporation Rate: NA
Solubility in Water: Slight	pH: NA
Density (at 20° C): NA	Odor: Hydrocarbon
Appearance: Gray-black powder	

V. FIRE AND EXPLOSION DATA

Flash Point: >600°F	Flammable Limits: LEL: NA UEL: NA
Special Fire Fighting Procedures: ND	
Unusual Fire and Explosion Hazards: High concentrations of suspended dust may result in explosion hazard.	
Extinguishing Media: Water, carbon dioxide, dry or chemical foam.	

VI. REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatibility: ND

Hazardous Decomposition: None

VII. HEALTH HAZARD INFORMATION

Routes of Exposure and Effects:

Skin: Prolonged or repeated exposure may cause irritation to skin.

Eyes: Prolonged or repeated exposure may cause irritation to eyes.

Inhalation: Prolonged or repeated exposure may cause irritation to mucous membranes.

Ingestion: ND

Permissible Exposure Limits: (for air contaminants)

OSHA PEL (8hr. TWA): Silicate: 15 mg/m³, Asphalt: 5 mg/m³

ACGIH TVL: Silicate: 15 mg/m³, Asphalt: 5 mg/m³

Carcinogenicity:

Listed By NTP: Not listed

Listed By: IARC: Not listed

Listed By OSHA: Not listed

Acute Oral LD50:

Acute Dermal LD50:

Aquatic Toxicology LC50:

Emergency and First Aid Procedures:

Skin: Wash with soap and water.

Eyes: Flush with water.

Ingestion: Drink water.

Inhalation: Remove to fresh air.

Additional Health Hazard Information::

Seek medical attention if irritation persists. Treat as a nuisance dust.

VIII. HANDLING AND USE PRECAUTIONS

Steps to be Taken if Material is Released or Spilled: Sweep into waste container.

Waste Disposal Methods: Disposal should be in accordance with Federal, State and Local regulations. This material is not listed as a hazardous material, as defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980.

Handling and Storage Precautions: Store in a cool, dry area. Keep dust to a minimum.

IX. INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation Requirements: Local exhaust

Respirator: Wear protective dust mask.

Eye Protection: Safety glasses.

Gloves: Cotton gloves.

Other Protective Clothing or Equipment:

X. SPECIAL PRECAUTIONS

Warning! Nuisance Dust. Avoid high dust concentration. Minimize contact with eyes, skin, and clothing. Keep away from heat, sparks, and open flame.

XI. ENVIRONMENTAL/SAFETY REGULATION

DEPARTMENT OF TRANSPORTATION

Shipping Name: ND

Hazard Class: ND

Hazardous Substance: ND

Cautionary Labeling: ND

NA=Not Applicable; ND=Not Determined or No Data

Date Prepared: August 11, 1995

File Name: Drillsft

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.