



# MATERIAL SAFETY DATA SHEET

## NFS-PLUG®

### I. PRODUCT AND COMPANY IDENTIFICATION

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**Product Name:** NFS-PLUG® **Date Prepared:** July 14, 2010  
**Chemical Name:** Mixture  
**Chemical Family:** Proprietary mixture of natural fibers, minerals

**Supplier:** New Fluid Solutions, Inc.  
6161 Savoy Ste 248  
Houston, TX 77036  
Information Telephone: 713-780-3600  
Emergency Telephone: CHEMTREC 800-424-9300

### II. COMPOSITION

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Material or Component	CAS Number	OSHA PEL	Percentage
Cellulosic fibers	Proprietary	Nuisance dust*	60-100%

\*OSHA nuisance dust recommended exposure limit is 15 mg/m3 total dust, 5 mg/m3 respirable dust

### III. HAZARDS IDENTIFICATION

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Not regarded as a health or environmental hazard .

**Eyes:** Dust particles may cause eye irritation and/or redness.

**Skin:** May be irritating to the skin with frequent and prolonged contact.

**Ingestion:** Not anticipated route of exposure. May cause gastric irritation if ingested in large quantities.

**Inhalation:** Dust inhalation in high concentrations may cause irritation of the nose, throat and respiratory passages.

### IV. FIRST AID MEASURES

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**Eyes:** Remove contact lenses if worn. Flush thoroughly with large amounts of running water for at least 15 minutes. Get medical attention if irritation develops.

**Skin:** Wash exposed area with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation develops.

**Ingestion:** Wash out mouth with water. Give large quantities of water to drink. Get medical attention if symptoms develop or large quantity was ingested.

**Inhalation:** Remove person to fresh air. Get medical attention for any breathing difficulty.

### V. FIRE AND EXPLOSION DATA

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**Flashpoint:** Not applicable  
**Flammable Limits:** Not applicable  
**Extinguishing Media:** Water spray, CO2, dry chemical or foam

**Special Fire Fighting Procedures:** Evacuate all unnecessary personnel. Wear appropriate safety equipment for fire conditions. Firefighters should wear self-contained breathing apparatus.

## VI. ACCIDENTAL RELEASE MEASURES

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**Release or Spill** Contain, collect (using dustless method) and place in suitable container for reuse or disposal.

**Personal Precautions** Wear appropriate protective equipment. Avoid breathing dust.

**Environmental Precautions** Keep out of sewers and waterways.

## VII. HANDLING AND STORAGE

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**Handling** Avoid breathing dust. Avoid creating dusty conditions. Use only with adequate ventilation to keep exposure below recommended exposure limits. Wear a NIOSH approved dust respirator or equivalent when using this product. Avoid prolonged or repeated exposure. Wear protective clothing, safety glasses and gloves.

**Storage** Store in a cool dry place. Use good housekeeping in storage and work areas to prevent accumulation of dust.

## VIII. EXPOSURE CONTROL/PERSONAL PROTECTION

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**Airborne Exposure Limits:** Nuisance dust

**Ventilation:** If handled in a confined area, local exhaust and ventilation system is recommended to control below recommended exposure levels.

**Respiratory Protection:** Use NIOSH/MSHA approved respirator if exposure limits are exceeded.

**Eye Protection:** Use safety glasses with side shields. Maintain eye wash station in work area.

**Skin Protection:** Work gloves.

## IX. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical State</b>	Powder
<b>Color</b>	Gray
<b>Odor</b>	None
<b>pH</b>	Not determined
<b>Specific Gravity</b>	1.76
<b>Boiling Point</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Solubility in Water</b>	Slight
<b>Vapor Density</b>	Not applicable

## X. STABILITY AND REACTIVITY

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**Stability:** Stable under normal conditions of use and storage.

**Materials to Avoid:** Keep away from heat, sparks and open flame. Avoid wet or humid conditions.

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** Oxides of carbon when involved in fire.

## XI. TOXICOLOGICAL INFORMATION

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No acute toxicity data is available for product.

## XII. ECOLOGICAL INFORMATION

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No ecological information is available on this product.



**XIII. DISPOSAL**

Dispose of in accordance with all local, state and federal regulations. Note: If this product is altered, it is the responsibility of the user to determine whether the material meets the criteria for hazardous waste at the time of disposal.

**XIV. TRANSPORTATION INFORMATION**

UN Proper Shipping Name: Not regulated by DOT as a hazardous material
UN Label: None
UN Identification Number: None
Hazardous Ingredients: None
Placards: None
Reportable Quantity: None

**XV. REGULATORY INFORMATION**

TSCA Listed: Yes
SARA Title III Section 302: Not listed
SARA Title III Section 313: No

**XVI. OTHER INFORMATION**

NFPA Hazard Codes: Health: 1; Flammability: 0; Reactivity: 0, Special Hazards: 0

Rev. 01 dated 7/14/2010 (Section 2, 3, 7, 8)

NFS-Plug® is a registered trademark of New Fluid Solutions, Inc.

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