SpillTech
Smart Spill Solutions™

Safety Data Sheet

1. Product and Company Identification

Product Identifier: Cellulose Filled Products

General Use: Cellulose Filled Products absorb high-volume leaks, drips and spills.

Product Description: Absorbents are designed to confine and absorb large amounts of oil and water-based non-aggressive leaks and spills. They absorb liquids such as oils, water, coolants and solvents around machinery, drums, etc.

Specific Product Identifiers: *(includes but not limited to)* Cellulose Socks, Cellulose Pillows, DripPans, Pillow-in-a-Pans

COMPANY PROFILE:
SpillTech
Brookley Aeroplex
Mobile, AL 36615

TELEPHONE NUMBERS:
Emergency: (770) 929-6609
Technical Information: 1 (800) 228-3877
www.spilltech.com

2. Hazards Identification

GHS Classification: Not a dangerous substance according to GHS

POTENTIAL HEALTH EFFECTS:
Eye Contact: No hazard in normal use of product. If outer material is punctured, may cause irritation.
Ingestion: No hazard in normal use of product.
Inhalation: If outer material is punctured, breathing of excessive airborne dust may cause symptoms typical of nuisance dusts such as coughing, sneezing or minor respiratory irritation.
Skin Contact: Irritation may occur at high concentrations. If outer material is punctured and skin is wet, may cause irritation.
Chronic: Not applicable.

3. Composition / Information on Ingredients

Outer material:		
CAS: 9003-07-0	Polypropylene	100%
Inner material:		
CAS: 9003-07-0	Cellulose Fiber	90-98%
EC: 232-674-9		
CAS: 68333-79-9	Ammonium polyphosphate	<4%
EC: 269-789-9		
CAS: 7783-20-2	Ammonium sulphate	<0.1%
EC: 231-984-1		
May contain:		
CAS: 9002-88-4	Polyethylene pans	
CAS: None	Metal hardware	

These products do not contain any hazardous ingredients

4. First Aid Measures

Eye Contact: Flush with water for 15 minutes. If irritation persists, seek medical attention.
Ingestion: Not considered harmful in small quantities. If discomfort occurs, seek medical attention.
Inhalation: Remove to fresh air if excessive amounts of dust inhaled.
Skin Contact: Wash with water to prevent irritation.

5. Fire Fighting Measures

Extinguishing Media: Unused form: standard ABC fire extinguisher. Used form: that which is compatible to liquid(s) absorbed.
Special Fire Fighting Procedures: A self-contained breathing apparatus should be worn. Refer to absorbed liquid(s) SDS(s).
Hazardous Combustion Products: Incomplete burning can produce carbon monoxide and other harmful products. When heated, it may release ammonia gas (this material is a fire retardant).
Unusual Hazards: When heated, the vapors/fumes given off may cause respiratory tract irritation. Sorbents will take on the characteristics/properties of whatever liquid is absorbed. Therefore, all measures must be taken as if you were handling the liquid itself. Sorbents do not make the liquid less hazardous. Refer to absorbed liquid(s) SDS(s) before proceeding. Material can accumulate static charges which may cause an ignition.

6. Accidental Release Measures

Spill or Leak Procedures: If material is unused, sweep or pick up and dispose of as a non-hazardous material.

7. Handling and Storage

Handling and Storing Precautions: Avoid puncturing or tearing outer material. Avoid creating dust.
Storage Precautions: Store at room temperature.
General: Sorbents will take on the characteristics/properties of whatever liquid is absorbed. Therefore, all measures must be taken as if you were handling the liquid itself. Sorbents do not make the liquid less hazardous. Refer to absorbed liquid(s) SDS(s) before proceeding.
The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

8. Exposure Controls / Personal Protection

Engineering Controls: Provide general and/or local exhaust ventilation to keep concentrations below PEL/TLV.

PERSONAL PROTECTION

Eyes: Safety glasses with side shields are a good industrial practice.

Respirator: Use NIOSH/MSHA approved dust respirator if material is used in unventilated area, or if dust concentrations exceed specified exposure limits.

Gloves: Not normally required. However, cloth, canvas or leather gloves are a good industrial practice.

Other: None required.

Exposure Limits:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	EXPOSURE LIMITS 8 hrs. TWA	
	OSHA PEL	ACGIH TLV
Cellulose (Total)	15 mg/m^3	10 mg/m^3
Cellulose (Respirable)	5 mg/m^3	N.E.

N.E. = Not Established

In its present form, there is little or no dust to present an OSHA hazard

9. Physical and Chemical Properties

Appearance: Ground up gray cellulose in pillow or sock, some inside a black pan.
Odor: May have an ammonia-like or slight damp odor.
Odor Threshold: Not applicable
pH: Not applicable
Flash Point: Not known
Method: Not applicable
Auto Ignition: >450 □ F (>232□C)
Flammability or Explosive Limits:
Not available.
Conditions of Flammability: Not established

Melting Point/Freezing Point: *Outer Material*: 302° – 338°F (150° – 170°C)
Boiling Point / Boiling Range: Not applicable
Evaporation Rate: Not applicable
Vapor Pressure: *Inner Material*: Negligible @ 68°F (20°C)
Vapor Density: Not applicable
Relative Density (H20 = 1): 0.7 - 0.85
Solubility in Water: *Inner Material*: Cellulose fibers are not soluble. Fire retardant: Miscible
Coefficient of Water/Oil Distribution:
Not applicable

10 Stability and Reactivity

General: This is a stable material.
Conditions of Reactivity: Not established
Incompatible Materials: Strong oxidizing agents, acids and bases.

Conditions to Avoid: Open flame.
Hazardous Decomposition: Ammonia. If heated above 500^o F (260^o C): sulfur dioxide
Hazardous Polymerization: Will not occur

11 Toxicological Information

LD50: Not available
LC50: Not available
Carcinogenicity: IARC: Not established
NTP: Not established
OSHA: Not established
California Prop 65: No listed ingredient
Chronic/Other Effects: Not available
Reproduction Toxicity: Not available
Teratogenicity: Not available
Mutagenicity: Not available
Synergistic Products: Not available
Irritancy of Product: See Section 2.
Sensitization to Product: Not available
Ammonium polyphosphate: *Ingestion*: The oral LD50 for rats is > 2000 mg/kg.
Ammonium sulfate: *Ingestion*: The oral LD50 for rats is 2840 mg/kg.

12 Ecological Information

No data available.

13 Waste Disposal Considerations

Waste Disposal Method: If unused, no special precautions are necessary. This product is not subject to the 40 CFR Part 268.30 land ban on the disposal of certain hazardous wastes.
If used, refer to absorbed liquid(s) SDS(s) before proceeding. Sorbents will take on the characteristics/properties of whatever liquid is absorbed. Therefore, all measures must be taken as if you were handling the liquid itself. Sorbents do not make the liquid less hazardous. Therefore, in certain types of cleanup applications the nature of the material recovered will classify the resulting spent material as a hazardous component. In such instances the material should be disposed of via an approved hazardous waste disposal service and the appropriate manifesting obtained. Dispose of in accordance with Federal, State and local regulations.

14 Transportation Information

DOT (Department of Transportation)
Proper Shipping Name: Not regulated
Hazard Class: Not regulated
Identification Number: Not applicable

15 Regulatory Information

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): No Reportable Quantity
OSHA Hazard Communication Standard, 29 CFR 1910.1200: Cellulose
SARA Title III (Superfund Amendments and Reauthorization Act): No listed ingredient
TSCA (Toxic Substances Control Act): All ingredients are listed.

16 Other Information

NFPA Hazard Ratings: **Health -** 0
none → extreme **Fire -** 1
0 → 4 **Reactivity -** 0

WHMIS Classification: Not a controlled product.

Prepared by: Robin Thornett, Marketing Manager, SpillTech
Approved by: Robin Thornett, Marketing Manager, SpillTech
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