

MATERIAL SAFETY DATA SHEET

Section 1: Product/Company Information

Identity: Second-Cut Cotton Linters

Mfg. Name: Powder Technology Inc.
14331 Ewing Avenue S.
Burnsville, MN 55306

Emergency Number: (952) 894-8737
Number for Info: (952) 894-8737
Date Updated: 3 January 2008

Section 2: Composition Information

Name	CAS#	% by weight
Second-cut cotton linters	9004-34-6	100.0

Section 3: Hazard Identification

Potential Acute Health Effects: Slightly hazardous in case of eye contact (irritant), of ingestion, of inhalation. Non-irritant for skin.

Potential Chronic Health Effects:

Carcinogenic effects: Not determined

Mutagenic Effects: Not determined

Teratogenic Effects: Not determined

Developmental Toxicity: Not determined

Section 4: Emergency and First Aid

Eyes: Immediately flush eye thoroughly with water. Get medical attention if irritation persists.

Skin: Wash with soap and water. Get medical attention if irritation develops.

Inhalation: Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek medical help if coughing and other symptoms do not subside.

Ingestion: Do not induce vomiting. If conscious, have the victim drink plenty of water and call a physician if discomfort is experienced.

Section 5: Accidental Release Measures

Use clean-up methods that do not disperse dust into the air. Avoid inhalation of dust and contact with eyes. Use exposure control and personal protection methods as described in Section 12.

Section 7: Physical/Chemical Data

Boiling Point:	N/A
Specific Gravity (H₂O = 1.0):	1.5
Vapor Pressure:	Not applicable
Solubility in Water:	Insoluble
Appearance:	Tan, loose fiber
Odor:	No Odor
Physical State:	Solid
Vapor Density:	Not applicable

Section 8: Fire and Explosion Hazard Data

Auto ignition Temperature: 765° F (407° C)

Fire Point: 410° F (210° C)

Special Fire Fighting Procedures: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode.

Extinguishing Media: Dry chemical, foam, water or carbon dioxide.

Unusual Fire and Explosion Hazards: Contact between cotton and fluorine may result in violent explosion. Excess dust generation may create explosion hazard.

Section 9: Stability and Reactivity Data

Stability:	Product is stable
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

Section 10: Handling and Storage

Keep away from heat. Keep away from sources of ignition. Use adequate ventilation and dust collection. Use exposure control and personal protection methods as described in Section 12.

Section 11: Toxicological Information

Routes of Entry: Inhalation and ingestion.

Chronic Toxic Effects on Humans: Not determined

Chronic Potential Health Effects:

Chronic inhalation of cotton dust can cause byssinosis.

Section 12: Exposure Control/Personal Protection

Respiratory Protection: Use local exhaust or general dilution ventilation to control dust levels below applicable exposure limits. Minimize dispersal of dust into the air. Use appropriate NIOSH approved respiratory protection.

Eye Protection: Wear safety glasses with side shields or goggles to avoid contact with the eyes. In extremely dusty environments and unpredictable environments, wear tight-fitting unvented or indirectly vented goggles to avoid eye irritation or injury.

Section 13: Disposal Considerations

All disposal methods must be in accordance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterization and compliance with applicable laws are the responsibility solely of the waste generator.

Section 14: Transportation Data

Second-cut Cotton Linters is not considered hazardous under U.S. DOT regulations.

Section 15: Other Regulatory Information

HMIS (USA):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Section 16: Other Information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. It is the user's obligation to determine the conditions of safe use of this product.