

JUL 13 01 12:43P Greg Markim Inc  
MAR. 13. 2000 1:46PM FILTER MATERIALS

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P. 3

V# 2819 NO. 678  
Specialty Pulps  
#12831 - all skus

60996-0009



**FILTER MATERIALS**

Division of Guemer Enterprises, Inc.  
P.O. BOX 320 • WAUPACA, WISCONSIN 54981-0320 • U.S.A  
PHONE: 715-258-5525 • FAX 715-258-8488

Rec'd 9-28-01

MATERIAL SAFETY DATA SHEET

Quick Identifier: Cotton Linter Pulp

Manufacturer's Name: Filter Materials

Emergency Telephone: 715-258-5525

Address: 1401 Ware Street, Waupaca, WI

Date Prepared: Updated 5/1/95

SECTION 1 - IDENTITY

Common Name (Used on label, trade name, and synonyms): Cotton Linter Pulp

Chemical Name: Cellulose Fiber

Chemical Family: Cellulose

Formula: N/A

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Component(s) (chemical & common name(s))	Cas No.	Percentage
Per interpretation of OSHA regulation and the Hazard Communication Standard 21 CFR 1910.1200, this product does not constitute a hazardous or toxic material.		

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Bolling Point: N/A	Specific Gravity (H2O=1): N/A	Vapor Pressure (mm Hg): N/A
Percent Volatile by Volume (%): N/A	Vapor Density (Air=1): N/A	Evaporation Rate (_____ =1): N/A
Solubility in Water: NIL	Reactivity in Water: N/A	

Appearance and Odor: White fiber, odorless

Flash Point: Like paper	Flammable Limits in Air % by Volume:	Lower Like paper	Upper Like paper	Auto-Ignition Temperature: N/A
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Special Fire Fighting Procedures: None - Treat as ordinary combustible	Extinguisher Media: Water, ABC, CO2
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Unusual Fire and Explosion Hazards: None

SECTION 4 - PHYSICAL HAZARDS

Stability: Stable X Unstable  
Conditions to Avoid: None

Incompatibility (Materials to Avoid): None

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Hazardous Decomposition Products: Ordinary products of combustion

Hazardous Polymerization: May Occur Will Not Occur X  
Conditions to Avoid: None**SECTION 5 - HEALTH HAZARDS**

Route(s) of Entry: Inhalation? Yes - Nuisance Dust Skin? No Ingestion? No

## Signs and Symptoms of Exposure:

1. Acute Overexposure: None - Material is non-toxic and is not a skin irritant
2. Chronic Overexposure: Prolonged inhalation of dust may cause lung congestion

Medical Conditions Generally Aggravated by Exposure: Pre-existing upper respiratory and lung disease may be aggravated by excessive inhalation of dust.

## Chemical Listed as Carcinogen or Potential Carcinogen:

- |                                 |     |    |   |
|---------------------------------|-----|----|---|
| 1. National Toxicology Program: | Yes | No | X |
| 2. I.A.R.C. Monographs:         | Yes | No | X |
| 3. OSHA:                        | Yes | No | X |

## Exposure Limits:

<u>Hazardous Component(s)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Exposure Limit Used</u>
Treat dust as "Particulates Not Otherwise Classified" (PNOC) per ACGIH	10 mg/cu. m (total dust)	10 mg/cu. m (total dust)	

Emergency and First Aid Procedures: Flush eyes if in contact, seek fresh air if excessive inhalation, blow nose to clear, not hazardous if ingested. Consult physician if irritation persists.

**SECTION 6 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection (Specify Type): NIOSH approved respirator for nuisance dust

Ventilation:	Local	Mechanical	Special:	Other:
To keep dust below PEL	Exhaust: As necessary	(General): As necessary	None	None

Protective Gloves: None Eye Protection: Not normally necessary

Other Protective Clothing or Equipment: None

**SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be Taken in Handling and Storage: Avoid creating dust when handling. Maintain good housekeeping practices.

Other Precautions: None

Steps to be Taken in Case Material is Released or Spilled: Avoid inhalation. Collect dust and fibers with vacuum or suppress with water spray and sweep up.

Waste Disposal Methods: Dispose of in a closed container per local, state, and federal regulations. Wastes are not considered hazardous.

**SECTION 8 - COMMENTS**

We believe the statements, technical information, and recommendations above are accurate and are provided in good faith, but they are given without warranty or guarantee of any kind.

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## FILTER MATERIALS

Division of Quamer Enterprises, Inc.

P.O. BOX 329 - WAUPACA, WISCONSIN 54981-0329 - U.S.A.

PHONE 715-258-5525 • FAX 715-258-8488

### MATERIAL SAFETY DATA SHEET

Quick Identifier: Scrubbed Corn Husk & Cotton Pulp

Manufacturer's Name: Filter Materials

Emergency Telephone: 715-258-5525

Address: 1401 Ware Street, Waupaca, WI

Date Prepared: Updated 5/1/95

### SECTION 1 - IDENTITY

Common Name (Used on label, trade name, and synonyms): Shredded Corn Husk and Cotton Paperboard Trim

Chemical Name: Processed corn husks with washed and processed cotton fibers Chemical Family: Cellulose

Formula: N/A

### SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Component(s) (chemical & common name(s))	Cas No.	Percentage
Trace amount of mold control additive		< 1%

Per interpretation of OSHA regulation and the Hazard Communication Standard 21 CFR 1910.1200, this product does not constitute a hazardous or toxic material.

### SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point: N/A	Specific Gravity (H <sub>2</sub> O=1): .15 - .42	Vapor Pressure (mm Hg): N/A
Percent Volatile by Volume (%): N/A	Vapor Density (Air=1): N/A	Evaporation Rate (_____ = 1): N/A
Solubility in Water: NIL	Reactivity in Water: N/A	
Appearance and Odor: Fibrous board, odorless		
Flash Point: Like paper	Flammable Limits in Air % by Volume: Lower Like paper Upper Like paper	Auto-Ignition Temperature: N/A
Special Fire Fighting Procedures: None - Treat as ordinary combustible	Extinguisher Media: Water, ABC, CO <sub>2</sub>	
Unusual Fire and Explosion Hazards: Airborne dust may be explosive in very rare instances.		

### SECTION 4 - PHYSICAL HAZARDS

Stability: Stable X Unstable  
 Conditions to Avoid: None

Incompatibility (Materials to Avoid): None

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Hazardous Decomposition Products: Ordinary products of combustion

Hazardous Polymerization: May Occur Will Not Occur X  
Conditions to Avoid: None**SECTION 5 - HEALTH HAZARDS**

Route(s) of Entry: Inhalation? Yes - Nuisance Dust Skin? No Ingestion? No

Signs and Symptoms of Exposure:

1. Acute Overexposure: None - Material is non-toxic and is not a skin irritant
2. Chronic Overexposure: Prolonged inhalation of dust may cause lung congestion

Medical Conditions Generally Aggravated by Exposure: Pre-existing upper respiratory and lung disease may be aggravated by excessive inhalation of dust.

Chemical Listed as Carcinogen or Potential Carcinogen:

- |                                 |     |    |   |
|---------------------------------|-----|----|---|
| 1. National Toxicology Program: | Yes | No | X |
| 2. I.A.R.C. Monographs:         | Yes | No | X |
| 3. OSHA:                        | Yes | No | X |

Exposure Limits:

<u>Hazardous Component(s)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Exposure Limit Used</u>
Treat dust as "Particulates Not Otherwise Classified" (PNOC) per ACGIH	10 mg/cu. m (total dust)	10 mg/cu. m (total dust)	

Emergency and First Aid Procedures: Flush eyes if in contact, seek fresh air if excessive inhalation, blow nose to clear, not hazardous if ingested. Consult physician if irritation persists.

**SECTION 6 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection (Specify Type): NIOSH approved respirator for nuisance dust .

Ventilation:	Local	Mechanical	Special:	Other:
To keep dust below PEL	Exhaust: As necessary	(General): As necessary	None	None

Protective Gloves: None

Eye Protection: Not normally necessary

Other Protective Clothing or Equipment: None

**SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be Taken in Handling and Storage: Avoid creating dust when handling. Maintain good housekeeping practices.

Other Precautions: None

Steps to be Taken in Case Material is Released or Spilled: Avoid inhalation. Collect dust and fibers with vacuum or suppress with water spray and sweep up.

Waste Disposal Methods: Dispose of in a closed container per local, state, and federal regulations. Wastes are not considered hazardous.

**SECTION 8 - COMMENTS**

We believe the statements, technical information, and recommendations above are accurate and are provided in good faith, but they are given without warranty or guarantee of any kind.

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FILTER MATERIALS

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**FILTER MATERIALS**

Division of Quamer Enterprises, Inc.

P.O. BOX 329 • WAUPACA, WISCONSIN 54981-0329 • U.S.A

PHONE: 715-258-5525 • FAX 715-258-8488

**MATERIAL SAFETY DATA SHEET**

Quick Identifier: Plum Cotton Rag Pulp with Flecks

Manufacturer's Name: Filter Materials

Emergency Telephone: 715-258-5525

Address: 1401 Ware Street, Waupaca, WI

Date Prepared: Updated 5/1/95

**SECTION 1 - IDENTITY**

Common Name (Used on label, trade name, and synonyms): Shredded Cotton Rag Pulp with Synthetic Fiber

Chemical Name: Cellulose (cotton &amp; Wood) with synthetic fiber

Chemical Family: Cellulose &amp; Polyester

Formula: N/A

**SECTION 2 - HAZARDOUS INGREDIENTS****Hazardous Component(s) (Chemical & common name(s))****Cas No.****Percentage**

Per interpretation of OSHA regulation and the Hazard Communication Standard 21 CFR 1910.1200, this product does not constitute a hazardous or toxic material.

**SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)**

Boiling Point: N/A

Specific Gravity (H<sub>2</sub>O=1): .15 - .42

Vapor Pressure (mm Hg): N/A

Percent Volatile by Volume (%): N/A

Vapor Density (Air=1): N/A

Evaporation Rate (\_\_\_\_\_ -1): N/A

Solubility in Water: NIL

Reactivity in Water: N/A

Appearance and Odor: White fibrous, heavyweight paperboard, generally odorless

Flash Point: Like paper

Flammable Limits in Air % by Volume:

Lower Like paper

Upper Like paper

Auto-Ignition Temperature: N/A

Special Fire Fighting Procedures: None - Treat as ordinary combustible

Extinguisher Media: Water, ABC, CO<sub>2</sub>

Unusual Fire and Explosion Hazards: Airborne dust may be explosive in very rare instances.

**SECTION 4 - PHYSICAL HAZARDS**

Stability: Stable X Unstable

Conditions to Avoid: None

Incompatibility (Materials to Avoid): None

Hazardous Decomposition Products: Ordinary products of combustion

