

Jul 13 01 12:44p Greg Markim Inc 4144531495 p. 4
 Product MAR. 13. 2000. n. 1:46PMlp FILTER MATERIALS NO.670 P.2 Page 4

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:	OSHA PEL	ACGIH TLV	Other Exposure Limit Used
Hazardous Component(s)			
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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Greg Markim Inc

4144531495

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FILTER MATERIALS

NO. 670

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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 715-258-8468

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

<u>Hazardous Component(s) (chemical & common name(s))</u>	<u>Cas No.</u>	<u>Percentage</u>
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 ₂ O=1): .15 - .42	Vapor Pressure (mm Hg): N/A
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Percent Volatile by Volume (%): N/A	Vapor Density (Air=1): N/A	Evaporation Rate (_____ =1): N/A
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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
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Special Fire Fighting Procedures: None - Treat as ordinary combustible	Extinguisher Media: Water, ABC, CO ₂
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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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Greg Markim Inc

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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

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4144531495

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1:48PM

FILTER MATERIALS

NO. 678

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FILTER MATERIALS

Division of Quamar 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 & Wood) with synthetic fiber

Chemical Family: Cellulose & 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 (H₂O=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, CO₂

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

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Product Name: ~~Filter Co. Paper~~ Pulp FILTER MATERIALS

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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

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Chemical Listed as Carcinogen or Potential Carcinogen:

- | | | | |
|---------------------------------|-----|----|---------------------------------------|
| 1. National Toxicology Program: | Yes | No | <input checked="" type="checkbox"/> X |
| 2. I.A.R.C. Monographs: | Yes | No | <input checked="" type="checkbox"/> X |
| 3. OSHA: | Yes | No | <input checked="" type="checkbox"/> X |

Exposure Limits:

<u>Hazardous Component(s)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Exposure Limit Used</u>
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