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Greg Markim Inc

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FILTER MATERIALS

P185 #7 NO.678



FILTER MATERIALS

Division of Quemer Enterprises, Inc. P.O. BOX 329 • WAUPACA, WISCONSIN 54981-0329 • U.S.A PHONE: 715-258-5525 = FAX 715-258-8488

Red 9-28-01

MATERIAL SAFETY DATA SHEET

Quick Identifier: Cotton Linter Pulp

Manufacturer's Name: Filter Materials

Emergency Telophone: 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)

Boiling Point: N/A

Specific

Gravity (H2O=1): N/A

Prossure (mm Hg): N/A

Percent Volatile

by Volume (%): N/A

Vapor

Density (Alr=1): N/A

Evaporation Rate __=1): N/A

Solubility in Water: NIL

Reactivity in Water: N/A

Appearance and Odor: White fiber, odorless

Flash

Flammable Limits

Lower

Upper

Auto-Ignition

Point: Like paper

in Air % by Volume:

Like paper

Like paper

Temperature: N/A

Special Fire

Fighting Procedures: None - Trest as ordinary combustible

Extinguisher Modia: Water, ABC, CO2

Unusual Fire and Explosion Hazards: None

SECTION 4 - PHYSICAL HAZARDS

Stability:

Item Numbers: 60996-0009

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 Cardnogen or Potential Carcinogen:

1. National Toxicology Program:

Yes No

2. I.A.R.C. Monographs:

Yes Yes No X

Exposure Limius: Hazardous Component(s)

OSHA PEL

ACGIH TLY

Other Exposure Limit Used

success access to the

Treat dust as "Particulates Not

Otherwise Classified

10 mg/cu. m (total dust) 10 mg/cu. m (total dust)

(PNOC) per ACGIH

Emergency and First Aid Procedures: Flush eyes if in contact, seek fresh sir 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: To keep dust below PEL Local

Exhaust: As necessary

Machanical

(General): As necessary

Special:

Other: None

Protective Gloves: None

Eye Protection: Not normally necessary

Other Protective Clothing or Equipment: None

SECTION 7 - SPECIAL FRECAUTIONS 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 hazzardous.

SECTION 8 - COMMENTS

We believe the starements, 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 54881-0329 - U.S.A. PHONE 713-258-5525 . 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 Paperhoard Trim

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

Pormula: 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 (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: Pibrous board, odoriess

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

Sjapijitk:

Stable X

Conditions to Avoid: None

incompatibility (Materials to Avoid): None

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Hazardous Decomposition Products: Ordinary products of combustion

Hazardous Polymerization:

May Occur

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:

Acute Overexposure: None - Material is non-toxic and is not a skin irritant

Chronic Overcoposure: Prolonged inhalation of dust may cause lung congestion 2.

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

Chemical Listed as Cardinogen or Potential Cardinogen:

National Toxicology Program: Yes ı.

No X

LARC Monographs: 2

Yes Yes

X No

3. OSHA: No

Exposure Limits:

Other Exposure

Hazardous Component(s)

OSHA PEL

ACOUNTLY

Limit Used

Treat dust as "Particulates Not

10 മൂു∕വ. മ (total dust)

10 mg/cu m (total dust)

Otherwise Classified* (PNOC) per ACOIH

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 .

Exhaust: As necessary

Ventilation: To keep dust below PEL Local

Mechanical (General): As necessary Special:

None

Other None

Protective Gloves: None

Eye Protection: Not normally necessary

Other Protective Clothing or Equipment: None

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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

Other Procautions: None

Steps to be Taken in Case Material is Released or Spilled: Avoid inhaiation. 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 SHRET

Quick Identifier: Plum Cotton Rag Pulp with Flecks

Manufacturer's Name: Filter Materials

Emergency Telephone: 715-258-5325

Address: 1401 Ware Street, Wanpaca, 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 - BAZARDOUS 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 odorloss

Flash Point: Like paper Flammable Limits

Lower

Upper

Auto-Ignition

Temperature: N/A

Special Fire

in Air % by Volume:

Like paper

Liko paper

Fighting Procedures: None - Treat as ordinary combustible

Extinguister

Media: Water, ABC, CO2

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

SECTION 4 - PHYSICAL HAZABDS

Subility.

Stable X

Linstable

Conditions to Avoid: None

Incompatibility (Materials to Avoid): None

Hazardous Decomposition Products: Ordinary products of combustion

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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

Skia? No

Ingestion? No

Signs and Symptoms of Exposure:

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

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

Chemical Listed as Carcinogen or Potential Carcinogen:

National Toxicology Program: ı. LARC Monographs:

Yes No X Yes No Yes No

OSHA: Exposure Limits: Hazardous Component(s)

ACOIH TLV

Other Exposure Limit Used

Treat dust as "Particulates Not Otherwise Classified* (PNOC) per ACOIH

10 mg/cu. m (total dust)

OSHA PEL

10 mg/cu. m (फर्त्या कुगरा)

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 SPILLIEAK 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 fibors 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 hazardóus.

SECTION 8 - COMMENTS

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