

MATERIAL SAFETY DATA SHEET

1. PRODUCT COMPANY AND IDENTIFICATION

Trade Name PROCESSED CORN COBS

Generic Description Pulverized Cellulose - Lignin

Manufacturer/Supplier Mt. Pulaski Products, LLC

Address 908 N. Vine; PO Box 110 Mt. Pulaski, IL 62548

Phone Number 217-792-3211

Technical 217-792-3211 or 713-673-5167

Emergency Number 217-792-3211

2. COMPOSITION/INFORMATION ON THE COMPONENTS

| Material or Component | CAS Number | Percentage |
|----------------------------|------------|------------|
| Pulverized Cellulose Fiber | | 100% |

3. HAZARD IDENTIFICATION

Hazard Data: May be irritating to skin, eyes and respiratory tract.

Health 1
Flammability 0
Reactivity 0

Ratings based on NPFA

Inhalation:

Irritating to the respiratory tract if inhaled. Nuisance dust 10 mg/m³ total dust.

Skin Contact:

May be irritating to the skin with prolonged contact.

Eye Contact:

May cause irritation to the eyes.

Ingestion:

Not anticipated route of exposure. May cause gastric irritation if ingested in large quantities.

Chronic Health Effects

None known. Not listed as a carcinogen on IARC, NTP or OSHA lists.

Medical Conditions Aggravated by Exposure

None known.

4. **FIRST AID MEASURES**

Inhalation:

Remove person to fresh air. Get medical attention for any breathing difficulty.

Skin Contact:

Wash exposed area with soap and water. Get medical advice if irritation develops.

Eye Contact:

Wash thoroughly with large amounts of running water for at least 15 minutes. Get medical advice if irritation develops.

Ingestion:

If large amounts were ingested, give water to drink and get medical advice.

Advice to Physicians

Treat symptomatically.

5. **FIRE FIGHTING MEASURES**

Flash Point

Not applicable

Flammable Limits

Not applicable

Fire Extinguishing Media Water, carbon dioxide, dry powder or foam

Unusual Fire and Explosion Hazard Punks when ignited, does not readily burn with a flame.

6. **ACCIDENTAL RELEASE MEASURES**

Release or Spill

Collect and place in suitable container for reuse or disposal.

Personal Precautions

Avoid breathing dust.

Environmental Precautions

None

7. **HANDLING AND STORAGE**

Store in a cool, dry, ventilated area. Use good housekeeping in storage and work areas to prevent accumulation of dust. Keep away from oxidizing agents.

8. **EXPOSURE CONTROL/PERSONAL PROTECTION**

Airborne Exposure Limits

OSHA Permissible Exposure Limit (PEL) 15 mg/m³ total dust, 5 mg/m³ respirable fraction for nuisance dusts.

Ventilation Requirements:

A system of local and/or general exhaust is recommended if handled in a confined area.

Respiratory Protection

Use NIOSH approved nuisance dust respirator.

Skin Protection

Wear long sleeved clothing and work gloves.

Eye Protection

Wear safety glasses with side shields. Maintain eye wash station in work area.

Other Protection Equipment/Clothing

As appropriate for work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---------------------------|
| Physical State | Various Granulation Sizes |
| Color | Tan |
| Odor | None |
| pH (aqueous soln) | 5 |
| Boiling Range/Point | Not applicable |
| Flash Point | Not applicable |
| Explosion Limits (%) | Not applicable |
| Density | 10 – 35 lb. cu. ft. |
| Solubility in Water | Insoluble |
| Vapor Density (Air=1) | Not applicable |
| Evaporation Rate (butyl acetate=1) | Not applicable |

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage.

Materials to Avoid: Excessive heat and strong oxidizers.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: None

11. TOXICOLOGICAL INFORMATION

No acute toxicity data is available for product or components.

Cancer Status: Not listed as carcinogen by IARC, NTP, or OSHA.

12. ECOLOGICAL INFORMATION

No ecotoxicity data is available. This product is not expected to present an environmental hazard.

13. DISPOSAL

Dispose of material in accordance with all local, state, and federal regulations.

14. TRANSPORTATION INFORMATION

| | |
|---------------------------------|---------------|
| UN Proper Shipping Name | Not regulated |
| UN Label | None |
| UN Identification Number | None |
| Hazardous Ingredients | None |
| Placards | None |
| Reportable Quantity | None |

15. REGULATORY INFORMATION

| | |
|---------------------------------------|-----|
| TSCA Listed | Yes |
| SARA Title III Section 302 | No |
| SARA Title III Section 311/312 | No |
| SARA Title III Section 313 | No |

16. OTHER INFORMATION

Abbreviations

N/A: Denotes no applicable information found or available

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

NIOSH: National Institute for Occupational Safety & Health

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

NTP: National Toxicology Program

IARC: International Agency for Research on Cancer

MSDS Date: 05-4-2009

Disclaimer: All information and recommendations concerning product is based on tests and data believed to be reliable; however it is the user's responsibility to determine the safety, toxicity and suitability for the user's own use of the product described herein. Since the actual use by others is beyond our control, no guarantee expressed or implied is made by Grinding & Sizing Company. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular conditions exist or because of applicable laws or government regulations.