## Cellu Tissue - Natural Dam Mill

## MATERIAL SAFETY DATA SHEET

## Section 1: Identity

| SUBSTANCE: | HLO Enterprises ~ 1-ply Grade 3670 ADePT® $152015 / 152017$ |
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| MANUFACTURER: | Cellu Tissue, Inc. |
|  | Natural Dam Mill |
|  | 4921 Route 58 North |
|  | Gouverneur, NY 13642 |

EMERGENCY PHONE NUMBER: (315) 287-1200

Section 2: Hazardous Ingredients

| COMPONENTS | CAS NO. | \% | OSHA PEL | ACGIH TLV |
| :---: | :---: | :---: | :---: | :---: |
| Cellulose | 9004-34-6 | 99+ | $15 \mathrm{mg} / \mathrm{M}^{\wedge} 3$ * | $10 \mathrm{mg} / \mathrm{M}^{\wedge} 3$ |
|  |  |  | $5 \mathrm{mg} / \mathrm{M}^{\wedge} 3$ ** |  |
|  |  |  | * Total Dust |  |
|  |  |  | ** Respirable |  |

## Section 3: Physical Data

BOILING POINT (deg. F):
SPECIFIC GRAVITY:
VAPOR PRESSURE (@68 deg. F):
\% VOLATILE BY VOLUME:
VAPOR DENSITY:
EVAPORATION RATE:
SOLUBILITY IN WATER:
APPEARANCE AND ODOR:

Not Applicable
Not Applicable
Not Applicable
Not Applicable
Not Applicable
Not Applicable
Insoluble in water and most organic solvents.
White or various colors. No odor.

Section 4: Fire and Explosion Data
FLASH POINT: Chars above 392 deg. F
AUTOIGNITION TEMPERATURE: Product may ignite at 400-500 deg. F
FLAMMABLE LIMITS: (as Dust) LEL: $40 \mathrm{~g} / \mathrm{M}^{\wedge} 3$ UEL: N/A
EXTINGUISHING MEDIA:
Water, foam, carbon dioxide, sand.
SPECIAL FIRE FIGHTING PROCEDURES: Treat as a combustible solid.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Dust presents an explosion hazard if a dust "cloud" contacts an ignition source.

Section 5: Reactivity Data

STABILITY: $\quad \mathrm{X}$ Stable U__ Unstable

INCOMPATIBLE MATERIALS: Bromine flouride, Flourine, Hydrogen peroxide, Perchlorates, Perchloric acid.

## HAZARDOUS DECOMPOSITION PRODUCTS:

In a fire situation: carbon dioxide, carbon monoxide, low molecular weight hydrocarbons (incomplete combustion).

HAZARDOUS POLYMERIZATION:
May Occur $\quad$ X Will Not Occur

## Section 6: Health Hazard Data

ROUTES OF ENTRY:
Inhalation, Eye, Ingestion

## ACUTE HEALTH HAZARDS:

EYE CONTACT: Dust can be irritating to the eye.
SKIN CONTACT: No adverse effect.
INGESTION: Undetermined, but generally considered non-toxic.
INHALATION: A nuisance dust that may cause irritation to the nose and throat.

CHRONIC HEALTH HAZARDS: None identified.
CARCINOGENICITY: NTP? No IARC? No_OSHA Regulated? No

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None identified.

## EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Flush thoroughly with running water (including under the eyelids) for at least 15 minutes. If irritation persists, seek medical attention.

SKIN CONTACT: Wash skin with soap and water if irritation occurs.

INHALATION: Remove to fresh air. If breathing has stopped, provide artificial respiration.

INGESTION: No adverse effect expected. If large amounts are ingested, consult a physician.

## Section 7: Handling Precautions

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
If large quantities enter a watercourse, advise local authorities of possible floating non-toxic substances.

Provide cool moisture-free storage away from combustion sources.

## WASTE DISPOSAL METHODS:

Reuse, landfill, or incinerate in accordance with applicable regulation.

## Section 8: Control Measures

RESPIRATORY PROTECTION: At dust concentrations above the TLV, use a NIOSH approved dust/mist respirator.

## VENTILATION:

Mechanical - General dilution. Local exhaust as needed to maintain airborne dust concentrations below TLV.

PROTECTIVE GLOVES: Not usually required.
EYE PROTECTION: Safety glasses or goggles for dusty conditions.

| Prepared by: | Robin Gaumes | Date: $9 / 15 / 2009$ |
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