

Material Safety Data Sheet for EZcover

Adhesive

TYPE: Hot Melt Adhesive

PHYSICAL PROPERTIES: Appearance: Light yellow solid
Solids: 100%
Viscosity: Approx. 4,900 cps @ 275_F
Approx. 3,200 cps @ 300_F
Approx. 1,850 cps @ 325_F
Lbs./gallon: Approx. 7.8
Softening Point: Approx. 235_F (Ball & Ring)

SUGGESTED USES: Construction adhesive - Nonwovens.

OPERATING CONDITIONS: Running temperature 275_F - 350_F.
Can be applied by all conventional hot melt applicators including roll, nozzle, spray, foam.

PRECAUTIONS: Material is applied hot - appropriate clothing and eye protection should be used. Use with adequate ventilation to remove any hot melt fumes or vapors that are generated. Keep containers and premelters covered to avoid contamination. Rotate stock - first in - first out. Do not mix with other adhesives.

PACKAGE: 3.5 lb. per block, cavity package.

Airlaid

1. IDENTIFICATION

Article: Thermal Bonded Airlaid Material

Possible Application: Absorption material, acquisition material, etc.

Telephone: 1-866-913-8363

2. INFORMATION ON INGREDIENTS

Composition: cellulose, polyolefines

3. HAZARD IDENTIFICATION

Ingestion: can absorb liquid

Route(s) of Entry	Inhalation? Excessive dust concentrations may cause unpleasant deposit or obstruction in the nasal passages. Remove to	Skin? NOT APPLICABLE FOR PRODUCT IN PURCHASE FORM.	Ingestion? NOT APPLICABLE FOR PRODUCT IN PURCHASE FORM.
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	fresh air. Get medical help if persistent irritation, severe coughing or breathing difficulty occurs.		
Health Hazards (Acute and Chronic) NOT A HEALTH HAZARD AS DEFINED BY OSHA			
Carcinogenicity Listing:	NTP? NOT LISTED	IARC Monographs? NOT LISTED	OSHA Regulated? NOT REGULATED
Signs and Symptoms of Exposure PAPER (cellulose) DUST IS A BIOLOGICALLY INERT DUST THAT HAS LITTLE OR NO EFFECT ON THE LUNGS AND DOES NOT PRODUCE SIGNIFICANT ORGANIC DISEASE OR TOXIC EFFECT WHEN ALLOWABLE EXPOSURE LIMITS ARE MET.			
Medical conditions Generally Aggravated by Exposure CELLULOSE DUST MAY AGGRAVATE PREEXISTING RESPIRATORY CONDITIONS OR ALLERGIES.			
Emergency and First Aid Procedures EYE CONTACT: IRRIGATE WITH WATER FOR 15 MINUTES. IF ANY IRRITATION PERSISTS OBTAIN MEDICAL ADVICE. SKIN CONTACT: NOT APPLICABLE FOR PRODUCT IN PURCHASE FORM. INGESTION: NOT APPLICABLE FOR PRODUCT IN PURCHASE FORM INHALATION: REMOVE ANY MATERIAL FROM THE MOUTH AND FREE THE AIRWAY. REMOVE THE PATIENT TO FRESH AIR. IF BREATHING HAS STOPPED OBTAIN MEDICAL ASSISTANCE IMMEDIATELY.			

4. FIRST AID MEASURES

Ingestion: seek medical aid
(no others applicable)

5. FIRE FIGHTING MEASURES

Extinguishing media: water
Special fire fighting measures: ABC powder, foam

6. ACCIDENTAL RELEASE MEASURES

(none required)

7. HANDLING AND STORAGE

Handling: no special safety measures required
Storage conditions: avoid moisture; keep in dry place away from open flame

8. EXPOSURE CONTROLS

(none required)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	solid
Odour:	odourless
Melting Point/Range:	not applicable
Boiling Point/Range:	not applicable for this product
Vapour pressure:	not applicable
Flash point:	not applicable
Autoignition:	~ 230 °C (cellulose)
Specific density:	see specification sheet
Solubility in water:	insoluble
pH-value:	not applicable
Viscosity:	not applicable

10. STABILITY AND REACTIVITY

Stability:	stable
Reactivity:	non reactive
Decomposition:	combustion products include carbon monoxide and carbon hydrates

11. TOXICOLOGICAL INFORMATION

This product and its ingredients are not toxic, not irritant and not carcinogenic.

12. ECOLOGICAL INFORMATION

This product is partial biodegradable.

13. DISPOSAL CONSIDERATION

Disposal of the product:	This product may be disposed of by incineration, in approved landfill tips or by other authorised means. Observe local regulations.
Waste description:	cellulose, polyolefines.

14. TRANSPORT INFORMATION

Does not belong to dangerous goods according to transport regulations.

15. REGULATORY INFORMATION

No regulatory information is relevant to the usage of this product.

16. OTHER INFORMATION

For further information, please refer to raw materials MSDS.

Pulp

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name and Synonyms: Golden Isles Fluff Pulp

Composition/Information on Ingredients:

<u>CAS No.</u>	<u>Components</u>	<u>Percent (%)</u>
65996-61-4	Cellulose Pulp	90 - 94
7732-18-5	H ₂ O (moisture content)	6 - 10

Chemical Family: Carbohydrate

Chemical Formula: (C₆H₁₀O₅)_x

SECTION II – HAZARDOUS INGREDIENTS

Component (CAS Registry No.): none

SECTION III – PHYSICAL PROPERTIES

Appearance and Odor:	White or Natural, Paper-like Odor
Molecular Weight:	(162) _x
Boiling Point (Degrees Centigrade-°C):	Not Applicable (N/A)
Melting Point (Degrees Centigrade-°C):	N/A
Vapor Pressure (mm of Mercury):	N/A
Specific Gravity (Water = 1):	N/A
Vapor Density (Air = 1):	N/A
Percent Volatile (By Weight):	0
pH:	N/A
Solubility in Water:	Insoluble
Evaporation Rate (Butyl Acetate = 1):	N/A

SECTION IV – FIRE AND EXPLOSION DATA

Flash Point °Centigrade: Pensky-Marten Closed Cup:	N/A
Fire Extinguishing Media:	Water, dry chemical, foam, carbon dioxide
Flammable Limits (Percent by Volume):	N/A
Special Fire and Explosion Hazards:	None
Hazardous Combustion Products:	Carbon Monoxide

SECTION V – REACTIVITY DATA

Stability:	Unstable - Stable X
Incompatibility (Materials to Avoid):	Strong oxidizing agents
Hazardous Decomposition Products:	None
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Keep from flame source

SECTION VI – HEALTH HAZARD INFORMATION

Exposure from Routine Use:	Limited to occasional nuisance dust
Effects of Overexposure:	This material is non-toxic
Probable Routes of Exposure:	Inhalation and Eye Contact
Emergency and First Aid Procedures:	
Ingestion:	N/A
Inhalation:	For nuisance dust: remove to fresh air, rest in half upright position, seek medical attention if necessary.
Eye Contact:	For nuisance dust: rinse immediately with water. Remove contact lenses, then flush eyes immediately with water, including under eyelids. Seek medical attention if necessary.
Skin Contact:	N/A

SECTION VII – TOXICITY DATA

Oral:	Not available
Dermal:	Not available
Inhalation:	Not available
Carcinogenicity:	Not listed as a carcinogen by IARC, ACGIH, or OSHA

SECTION VIII – SPECIAL PROTECTION INFORMATION

Other Pertinent Data:	
Personal Protective Equipment:	

Protective Gloves:	Not necessary
Eye Protection:	If needed, use goggles to protect eyes from dust.
Respiratory Protection (Specify Type:)	If needed, use approved dust mask for nuisance dust.
Other Protective Equipment:	Eye wash stations and washing facilities should be available.
Ventilation:	
Local Exhaust:	Prevent sparks or other ignition sources due to the explosive potential of paper dust.
Mechanical (General):	N/A
Special:	N/A
Other:	N/A

SECTION IX – SPILL, LEAK, AND DISPOSAL PROCEDURES

Steps to be taken in Case Material is Released or Spilled:	Turn off sources of ignition. Provide adequate ventilation if necessary. Clean-up personnel should use a dust mask to prevent dust inhalation. Place in appropriate container for disposal of reclamation. Dispose of water- wet material promptly.
Clean Water Act Requirements: Resource Conservation and Recovery Act (RCRA) Requirements:	N/A N/A

SECTION X – REGULATORY INFORMATION

FDA:	21 CFR 186*1673
USDA:	USDA self certification (9 CFR 317.20)
CPSC:	N/A
ISCA:	Pulp, cellulose: CAS # 65996-61- 4
DOT:	Proper Shipping Name: Paper Goods
Hazard Class:	Not defined as hazardous
Label Required:	N/A
Identification No.:	N/A
Other Pertinent Information:	Material must be kept clean, dry and free from oil.
EPA: Superfund Amendments & Reauthorization Act (SARA): Title III; Section 313: Supplier Notification: This product is known to contain the following chemicals, which are listed in 40 CFR 372.65 as toxic chemicals requiring supplier notification. This information must be included in all MSDS's that are copied and distributed for this material.	None Listed

SECTION XI – SPECIAL PRECAUTIONS AND COMMENTS

Precautions to be taken in Handling and Storing	Store away from the heat, sparks and open flame. Practice good housekeeping techniques to prevent accumulation of dust. Avoid breathing dust.
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Other Precautions:	None
Registrations/Certifications:	None
Effective Date:	01/01/06
Supersedes:	01/01/05
Waste Disposal Methods:	Dispose in a landfill in accordance with all federal, state, and local regulations.

IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage, and handling of the product in compliance with applicable federal, state, and local laws and regulations.

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