



MATERIAL SAFETY DATA SHEET – (WET-LAID POLYESTER CELLULOSE)

1. Product and Company Information

Product Name: FPB®
Generic Name: Polyester and wood-pulp bonded with synthetic latex

Manufacturer/Supplier: Flo-Tec Inc.
Address: 13033 Fairlane St.
 Livonia, MI 48150

General Assistance: 1-734-455-7655 Fax: 1-734-455-2460

2. Composition / Information on Ingredients

Ingredient	CAS Number	% Weight	Exposure Limits
Polyester	25038-59-9	30 - 70	NA
Vinyl Acetate	26337-27-9	5 - 30	NA
Woodpulp	9004-34-6	10 - 30	10 mg/m ³ TWA-ACGIH 5 mg/m ³ Respirable TWA-OSHA
Melamine Resin	68002-20-0	<1	NA

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

3. Hazards Identification

Emergency Overview: CAUTION
 White fibrous nonwoven
 Breathing dust generated during cutting or other processing may cause respiratory irritation.

Acute Health Effects:
Eye Contact: Dust from product may cause irritation.

Skin Contact: Prolonged contact with dust from this product may cause irritation and possible rash.

Inhalation: Inhalation of excessive concentrations of dust may cause respiratory irritation.

Ingestion: Swallowing dust may cause gastrointestinal irritation.

Carcinogenicity: The National Toxicology Program (NTP) **has not** classified woodpulp and polyester as carcinogenic to humans.

Medical Conditions Aggravated by Exposure: Persons with pre-existing skin and respiratory disorders may be at an increased risk from exposure.

See Toxicological Information - Section 11

4. First Aid Measures

Eye: Do not rub eyes. Flush Immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. If irritation persists or for foreign body in the eye, get immediate medical attention.

Skin: Wash area of contact gently with soap and water. Launder contaminated clothing before reuse. Get medical attention if irritation persists.

Inhalation: If symptoms develop, remove person from source of exposure to fresh air. Get immediate medical attention if irritation persists.

Ingestion: Get medical attention for substantial ingestions or if symptoms develop.

5. Firefighting Measures

Flashpoint: 550°F

Autoignition Temperature: Not Applicable

Lower Flammability Limit: Not Applicable

Upper Flammability Limit: Not Applicable

Extinguishing Media: Use dry chemical, foam, carbon dioxide or water spray.

Special Fire Fighting Procedures: Avoid breathing combustion products from initial burn-off of organic binder.

Unusual Fire and Explosion Hazards: This product is combustible material

Combustion Products: Combustion products from organic binder and cellulose may include carbon monoxide, carbon dioxide, nitrogen oxides and various hydrocarbons.

6: Accidental Release Measures

Pick up large pieces. Use vacuum to clean up any dust. Wet dust with water where sweeping is necessary. Personal safety and exposure recommendations described elsewhere in this data sheet apply to exposure during clean up of spilled material. Refer to Section 15 for Release Reporting information, if applicable.

7. Handling and Storage

Handling: Avoid contact with the eyes and skin. Avoid generating and breathing dust. Use with adequate local exhaust ventilation and dust collection to maintain the concentration or airborne dust below the exposure limits. Wear a respirator approved for nuisance dust if dust is generated during use, handling, storage or disposal of this product. Follow good housekeeping to prevent accumulation of dust on floors, sills, machinery, equipment or overhead structures. Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust and clean equipment. Wear protective clothing to minimize skin contact. Remove contaminated clothing and clean before reuse. Wash thoroughly after work using soap and water.

Storage: Keep product dry.

8. Exposure Controls / Personal Protection

Engineering Controls: Local exhaust ventilation may be necessary during fabrication to maintain concentrations of air contaminants below their exposure limits. Provide local exhaust for volatile chemical compounds if potential for decomposition exists during handling.

Personal Protective Equipment (PPE)

Eye Protection: None

Skin Protection: Avoid unnecessary skin contact with this material. Wear long-sleeved clothing and gloves when handling.

Respiratory Protection: . If the concentrations exceed the Threshold Value Limit (TLV), a NIOSH approved high efficiency air purifying respirator is recommended. Select appropriate respiratory protection for respirable particulates based on consideration of the airborne workplace concentrations and duration of exposure. Select and use respirators in accordance with 29 CFR 1910.134, ANSI Z88.2, the NIOSH Respirator Decision Logic and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

9. Physical and Chemical Properties

Boiling Point: Not Applicable

Melting Point: 1200°F

Vapor Pressure: Not Applicable

Vapor Density (Air=1): Not Applicable

% Solubility in Water: Insoluble

Specific Gravity: 0.20

% Volatile: Not Applicable

Evaporation Rate (Butyl Acetate=1): Not Applicable

pH: Not Applicable

Octanol/Water Partition Coefficient: Not Applicable

Odor/Appearance: White Fibrous Nonwoven

10. Stability and Reactivity

Stability: Material is stable.

Incompatibility: Hydrofluoric Acid, Phosphoric Acid, Strong Alkalies

Hazardous Reactions-Decomposition Products: None known. Combustion products from organic binder may include carbon monoxide, carbon dioxide, nitrogen oxides and various hydrocarbons.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

No acute toxicity data is available for this product or its components.

12. Ecological Information

No ecotoxicity data is available. This product is not anticipated to have an adverse effect on the environment.

13. Disposal Considerations

Landfill in compliance with all applicable Federal, state and local regulations.

14. Transport Information

U.S. Department of Transportation (DOT)

Proper Shipping Name: Not Regulated

Hazard Class: Not applicable

UN/NA Code: Not applicable

Packing Group: Not applicable

15. Regulatory Information

U.S. Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA) Reportable Quantity:

This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Toxic Substances Control Act (TSCA): All components of this product are listed on the TSCA inventory.

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA Section 311/312 Hazard Categories: None

CAS Number

Vinyl Acetate	108-05-4
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This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313: None

California Proposition 65:

This product contains the following chemicals known to the State of California to cause cancer.

CAS Number

N Methylolacrylamide	924-42-5
Acrylamide	79-06-1
Formaldehyde	50-00-0
Acetaldehyde	75-07-0

16. Other Information

NFPA Ratings:

Health: 1	Flammability: 1	Reactivity: 0
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HMIS Ratings:

Health: 1*	Flammability: 1	Reactivity: 0
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