

**Material Safety Data Sheet (MSDS)**  
**Environmental Express – Ghost Wipes (Cat# SC4210 & SC4250)**

(800) 353-5319

Effective date: 04/28/03

Raw Material: Environmental Express, 490 Wando Park Blvd., Mt. Pleasant, S 29464 (800)-343-5319  
Chemtrec Assistance: (800) 424-9300

**Section I – Product Identification**

Product Name:	PVA Nonwoven Fabrics (Raw Material)	CAS Number:	None Assigned
Synonym:	Polyvinyl Alcohol Copolymer	DOT Shipping Name:	None Assigned
Chemical Family:	VinylCopolymer	DOT Hazard Class:	Not Applicable
Formula:	Proprietary Formulation	UN/NA Number:	Not Assigned

Hazardous Material Identification System (HMIS) Rating:

Health=0 Flammability=0 Reactive=0 Protective Equipment=0

**Section II – Health and Safety Alert**

Caution: Avoid prolonged or repeated inhalation of lint from fabrics. Do not use this product until MSDS has been read and understood.

**Section III – Health Hazard Information**

Eye:	Mechanical irritation only	Inhalation:	Prolonged or repeated inhalation from lint from fabrics
Skin:	No irritation or sensitization		may produce nose or throat irritation, coughing may result
Ingestion:	Not a probable route of entry		

**Section IV – Emergency and First Aid Procedures**

Eye Contact:	Flush with water for 15 minutes. Do not use chemical agents to neutralize. Seek medical aid.
Skin Contact:	Wipe or wash material from skin with soap and plenty of water.
Inhalation:	Lint from fabrics: remove from exposure and move to fresh air. Seek medical aid.
Ingestion:	Not a probable route of entry. Seek medical aid.

**Section V – Fire and Explosion Hazard Information**

Flash Point & Method:	Not Applicable	Auto Ignition Temp:	Not Applicable
Extinguishing Media:	Water, CO <sub>2</sub> , Foam	Flammable Limits:	Not Applicable
Fire/Explosion Hazards:	The fabrics can be ignited and burned only with difficulty. Fabric meets the specifications for Class II (NFPA702 & 19CAC 1160-1160)		

**Section VI – Spill, Leak, and Disposal Information**

Spill/Leak: Take up with pan and broom  
Waste Disposal: Dispose of waste in accordance with applicable regulations and institutional policies

**Section VII – Occupational Exposure Limit Hazardous Ingredients**

Exposure Limit (Product): None Established Hazardous Ingredients: No hazardous constituents

**Section VIII – Personal Protection Information**

Eye Protection: Safety Shield or Glasses  
Skin Protection: Impervious Rubber/Plastic Gloves  
Ventilation: Special ventilation not required  
Respiratory Protection: NIOSH/OSHA approved air purifying or air-line respirator when dust levels exceed exposure limits (5mg/m<sup>3</sup> 8hr. respirable PEL).

**Section IX – Personal Handling**

Handling: No special handling required. Avoid eye contact and prolonged, excessive, or repeated skin contact or inhalation of lint from fabric.  
Storage: Store in cool dry area. Keep container and package closed to prevent contamination.  
Other: Not for internal use. Wash exposed areas promptly and thoroughly after contact and before eating.

drinking, use of tobacco products, or use of restroom. Do not wear contacts without eye protection.

#### **Section X – Reactivity Data**

Conditions Contributing to Instability: High moisture and temperature (>200°C)

Incompatibility: Oxidizing agents (i.e. perchlorates, nitrates etc.)

Hazardous Reactions/Decomposition Products: Decomposition is insignificant if kept above 200°C but below 260°C for a short period of time. Above 220°C, Polyvinyl Alcohol yellows and decomposes into acetic acid.

#### **Section XI – Physical Data**

Boiling Point: Not Applicable

Melting Point: Approximately 200°C

Vapor Pressure: Not Applicable

pH: 5.0-7.0 (4% in water solution)

Solubility: In hot water (80°C) % Volatile By Vol.: 5WT.%(H<sub>2</sub>O)

Specific Gravity (g/cc): 1.3 Evaporation Rate: No Data

Appearance/Odor: White Fabric/Odorless

#### **Section XII – Comments**

Persons with a history of disease or illness involving the skin, eyes, respiratory tract or circulatory system may be at greater risk of developing adverse health effects from exposure to this product.

No known ingredients which occur at greater than 1.0% are listed as carcinogens by IARC Monographs on the evaluation of the Carcinogen Risk to humans, the NTP Annual Report on Carcinogens, or OSHA 29 CF 1910.1001-1047 Subpart Z Toxic and Hazardous Substances.

One component of this product, methanol, is reported by the manufacturer to be toxic to the developing fetus.

Notice: While the information and recommendations set forth herein are believed to be accurate as of the date hereof. Environmental Express makes no warranty claim with respect to and disclaims all liability from reliance thereon.