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***MATERIAL SAFETY DATA SHEET***  
***For Industrial Use Only***

***The OSHA Hazard Communication Standard 29 CFR 1910.1200 requires that the information contained on this sheet be made available to your workers. Instruct your workers to handle this product properly.***

Issued/Revised: [October 2, 2014](#)~~[October 2, 2014](#)~~~~[May 18, 2006](#)~~

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SECTION I: IDENTIFICATION

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PRODUCT: AEP Clear Stretch Wrap

SYNONYMS: Stretch Film

CHEMICAL FAMILY: Polyolefins; Ethylene based polymers

FORMULA: Proprietary blend of resins

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SECTION II: INGREDIENTS

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MAJOR COMPONENT: Polyethylene and/ or ethylene copolymers, and/ or propylene polymers and/ or butylene polymers

HAZARDOUS COMPONENTS: None

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SECTION III: TYPICAL PHYSICAL/CHEMICAL DATA

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APPEARANCE: Clear plastic film

ODOR: None

SOLUBILITY IN WATER: None

SPECIFIC GRAVITY: .915 to .930

MELT TEMPERATURE: 225 F - 265 F



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### **SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

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**GENERAL HAZARD:** Solid material may burn at or above the autoignition temperature. If the film is thermally decomposed, flammable and/ or toxic gases may be released.

**AUTOIGNITION:** Over 500 F

**EXTINGUISHING MEDIA:** Water Spray, Dry chemical, Foam, Carbon Dioxide, Water Fog

**SPECIAL FIRE FIGHTING PROCEDURES:** For fires in enclosed areas, fire-fighters must wear positive pressure, self-contained breathing apparatus. Do not direct a solid stream of water or foam into burning molten plastic as this may cause spattering and spread fire.

**UNUSUAL FIRE/EXPLOSION HAZARDS:** None.

**STATIC DISCHARGE:** Plastic material can accumulate static charges.

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### **SECTION V: HEALTH HAZARD DATA**

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**INHALATION:** None

**INGESTION:** None

**SKIN:** None at ambient temperature. Hot or molten plastic may cause thermal burns.

**HEALTH HAZARDS (Acute and Chronic):** None at ambient conditions.

**EFFECTS OF OVEREXPOSURE:** None

**CARCINOGENICITY:** None

**OSHA REGULATED:** No

**EMERGENCY FIRST AID PROCEDURES:** Inhalation of vapors from hot material - Remove to fresh air.

Dermal/Eye – For thermal burns, flush with large amounts of water, do not use ice.

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### **SECTION VI: REACTIVITY DATA**



STABILITY:    ☒ Stable                      ☐ Unstable

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### **SECTION VI: REACTIVITY DATA (Continued)**

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**CONDITIONS TO AVOID:** High temperatures - greater than 500 F, open flames, sparks and strong oxidizing substances.

**INCOMPATIBILITY:** Strong oxidizing agents, fluorine, some hydrocarbons cause softening.

**HAZARDOUS COMBUSTION/DECOMPOSITION PRODUCTS:** Thermal decomposition may produce carbon monoxide, aldehydes and other organic vapors.

Carbon monoxide is highly toxic if inhaled, carbon dioxide in high concentration can act as an asphyxiant, and some aldehydes can be irritants and/ or carcinogenic.

Local exhaust ventilation is recommended for airborne fumes and vapors.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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### **SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

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**SPILLS:** Not expected from this product.

**WASTE DISPOSAL METHOD:** Recycle; material should be packaged, labeled, transported and disposed of in accordance with local, state, and federal regulations.

**ENVIRONMENTAL CONCERNS:** Avoid discarding of plastic into surface waters.

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### **SECTION VIII: SPECIAL PROTECTION INFORMATION AND CONTROL MEASURES**

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**RESPIRATORY PROTECTION:** Use NIOSH approved respirator if unable to control air-borne fumes or vapors.

VENTILATION: Local exhaust should be used over heating operations to control airborne fumes.

SPECIAL EXHAUST: None required under ordinary conditions of use, and with adequate ventilation.



OTHER PROTECTIVE EQUIPMENT: Gloves and suitable eye protection that meet applicable ANSI standards.

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### **SECTION IX: OTHER SPECIAL PRECAUTIONS**

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DO NOT STORE NEAR HEAT, OPEN FLAMES, OR STRONG OXIDIZING MATERIALS.

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### **SECTION X: REGULATORY INFORMATION**

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This product was manufactured from raw materials certified by the suppliers to comply with 21 CFR 177.1520, CONEG Heavy Metals Legislation and EPA Regulations.

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### **SECTION XI: OTHER INFORMATION**

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In accordance with "Right to know" this product contains the following materials:

CAS #	Chemical Name
9002-88-4	Polyethylene Homopolymer and/ or
25087-34-7, 25213-02-9	Ethylene/Butene or Hexene Copolymer and/ or
9010-79-1	Polypropylene and/ or
9003-29-6	Polyisobutylene

In accordance with TSCA this product contains the following registered chemicals: NONE

In accordance with SARA Title III, Section 313, this product contains the following chemicals subject to reporting: NONE

In accordance with SARA 302, 304, this product contains the following chemicals subject to reporting: NONE

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act of 1980 Section 103). Because no constituents of the plastic film is released to the environment under normal conditions of use, it is not subject to reporting.

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Most of the data contained herein was obtained from raw materials suppliers.

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