

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCTS & COMPANY IDENTIFICATION	
Company: Automated Packaging Systems, Inc. 10175 Philipp Parkway Streetsboro, OH 44241	FOR EMERGENCY INFORMATION: 24-hour Emergency: (330)569-4804
Trade names/synonyms: Low Density Polyethylene (CLE, WHT & CWT) EarthAware Biodegradable Low Density Polyethylene (ECLE, EGCL, EWHT, & ECWT) EarthAware Recycled Low Density Polyethylene (RGT) Recycled Gray Opaque (GRY1) Substance: Pre-formed bags of polyethylene-based film CAS Number: Not applicable	For Non-Emergency Product & MSDS Information: Toll Free: 1-800-527-0733 Phone: 330-342-2000 Fax: 330-342-2400 E-mail: info@autobag.com
Created By: Paul Banfield Date: August 20, 2013	Revision Date: N.A.

SECTION 2 HAZARDS IDENTIFICATION	
EMERGENCY OVERVIEW: No chemical hazard anticipated for typical industrial or commercial handling. When processed at excessive temperatures, irritating vapors may be produced. Temperature of molten material may cause severe burns.	HMIS RATING: Health = 0 Fire = 0 Physical hazards = 0 PPE = N.A.
POTENTIAL HEALTH EFFECTS FROM:	No known effects and limited potential for absorption.
INHALATION:	None expected.
SKIN CONTACT:	None expected; large amounts of heated product may cause skin burns.
EYE CONTACT:	None expected; dust or particles may cause mechanical irritation.

INGESTION:	None expected	
CARCINOGEN STATUS:	OSHA:	No.
	NTP:	No.
	IARC:	No.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS		
HAZARDOUS COMPONENT	Percent by Weight	CAS Registry Number
None as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.		

SECTION 4 FIRST AID MEASURES	
INHALATION:	No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to irritating vapors from overheated product, remove to fresh air. Get medical attention if cough or other symptoms develop.
SKIN CONTACT:	For contact with large quantities of hot product, immediately immerse in, or flush the affected area with large amounts of cold water. Cover with clean cotton sheeting or gauze and get prompt medical attention. Do not remove material from skin as the damaged flesh can be easily torn.
EYE CONTACT:	Not likely to cause eye injury in present form. Contact with molten material can cause serious injury.
INGESTION:	Not likely to be ingested in present form.

SECTION 5 FIRE FIGHTING MEASURES	
FIRE AND EXPLOSION HAZARD:	Product will burn; may create combustible dust if particles small enough to be suspended in air are created in processing or handling.
EXTINGUISHING MEDIA:	Dry chemical, water spray, carbon dioxide, or regular foam.
FIREFIGHTING:	For fighting fires in buildings and confined spaces, firefighters must use self-contained breathing apparatus. Personnel without suitable respiratory protection should vacate the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition.
FLASH POINT:	N.A.
HAZARDOUS COMBUSTION PRODUCTS:	Thermal decomposition products from incomplete combustion (pyrolysis) may include carbon monoxide, carbon dioxide, nitrogen oxides, organic acids.

SECTION 6 ACCIDENTAL RELEASE MEASURES	
SPILL:	Product is shipped on rolls or fan-folded in boxes.

SECTION 7 HANDLING AND STORAGE

HANDLING:	Minimize dust generation. If process generates dust, keep dust from accumulating on flat surfaces, including rafters and similar surfaces; maintain good housekeeping.
STORAGE:	No special requirements. Store at ambient temperature and keep dry.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:	OSHA PEL	ACGIH TLV
	PNOR 15 mg/m ³	10 mg/m ³
VENTILATION:	General (mechanical) ventilation. Local ventilation may be necessary where the product is heated to control vapors from excessive heat.	
EYE PROTECTION:	No special requirements.	
EMERGENCY WASH FACILITIES:	No special hazards to eyes or skin from contact with product.	
SPECIAL PROTECTIVE CLOTHING:	Not normally required.	
GLOVES:	Not normally required. Gloves should be used for cleanup of large amounts of molten material.	
RESPIRATOR:	Suitable NIOSH approved respirators may be required if irritating vapors are produced by excessive heat and general/local exhaust ventilation is inadequate.	
FOR FIREFIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS:	For firefighting, see section 5. Otherwise, none likely to occur.	

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION:	Preformed plastic bags on rolls or fan-folded in boxes.
MOLECULAR WEIGHT:	Not determined.
WATER SOLUBILITY:	Not soluble.
MELTING POINT:	>220 °F (105 °C)

SECTION 10 STABILITY AND REACTIVITY

REACTIVITY:	Stable under normal temperatures and pressures.
CONDITIONS TO AVOID:	No specific conditions. Minimize dust generation and limit accumulation.
INCOMPATIBILITIES:	Materials that are not compatible with water will not be compatible with this product. Substances, which are not compatible with ordinary organic compounds such as strong oxidizers, will not be compatible with this product.

HAZARDOUS DECOMPOSITION:	Thermal decomposition products from incomplete combustion (pyrolysis) may include organic acids, carbon monoxide, carbon dioxide, and nitrogen oxides.
POLYMERIZATION:	Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGY INFORMATION

TOXICITY:	No toxicity studies have been conducted on this product as a whole. Ingredients are not hazardous as defined under OSHA 29 CFR 1910.1200.
CARCINOGEN STATUS:	Not listed.
TARGET ORGANS:	None
ADDITIONAL DATA:	None
HEALTH EFFECTS	
INHALATION:	Vapors from overheating may cause irritation of nose, throat and respiratory tract.
SKIN CONTACT:	None from product; molten product may cause burns.
EYE CONTACT:	None expected from product.
INGESTION:	None expected from product.

SECTION 12 ECOLOGICAL INFORMATION

ACUTE AQUATIC TOXICITY:	No data available.
DEGRADABILITY:	No data available.
BIOCONCENTRATION FACTOR (BCF):	No data available.
OCTANOL/WATER PARTITION COEFFICIENT:	No data available.

SECTION 13 DISPOSAL INFORMATION

Observe all appropriate state, federal, and local regulations when disposing of this substance.

SECTION 14 TRANSPORTATION INFORMATION

D.O.T. Classification:	Not regulated.
UN Number:	None.

SECTION 15 REGULATORY INFORMATION

US FEDERAL REGULATIONS:

TSCA STATUS:	All ingredients are on the TSCA Inventory.
STATE REPORTING REQUIREMENTS:	
None.	

SECTION 16 OTHER INFORMATION

Warranty

Seller warrants the materials will be free from defect for a period of 90 days, from the date of shipment.