 SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Static Shielding/Moisture Barrier

PRODUCT USE: Bag, Film

CHEMICAL FAMILY: Pure shield

FORMULA: Proprietary Formulation

MANUFACTURER: Purestat Engineered Technologies, Inc.

 21 Old Farm Road

 Lewiston, ME 04240

 Tel. (207)786-4790

SECTION 2 – HAZARDS IDENTIFICATION

Ingredients: Metallized Polyester Film \*Hazardous Ingredients:

 Polyethylene Film None Reportable

 Polymeric Adhesive

 Antistatic Coating

\*Substances listed in the Hazardous Ingredients section are those that have been determined to be health hazards and are present at a concentration of 1% or greater, or 0.1% if the substance is on the list of potential carcinogens cited in the OSHA Hazard Communication Standard.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

 **Composition CAS Number Weight %**

Polyethylene Polyethylene Film 9002-88-4 N/A

Alkaminde CDD518 Coconut Fatty Acid -

 Diethanaolamide 68603-42-9 > 80

 Deithanolamine 111-42-2 < 8.5

 Glycerin 56-81-5 < 10

Henkel Adhesive

Tycel 7975 Methylene Bisphenyl

 Isocyanate 101-68-8 30 – 60

 MDI EO/PO 157905-72-1 30 – 60

 L-Camphene 5794-04-7 10 – 30

 CP 2,4””-MDI &

 Tripropylene Glycol 75880-28-3 10 – 30

Tycel 7276 Polyester Resin Not Available 90 – 100

Polyester Polyester Film 25038-59-9 54 %

Hazard: None noted

\*A more detailed disclosure will be provided to appropriate medical or industrial hygiene personnel as privileged information, upon request, in case of need for specific treatment.

SECTION 4 – FIRST AID MEASURES

Contact with eyes: Direct contact will cause mechanical irritation. Irrigate immediately with water for at least 15 minutes. Seek medical attention

Skin Contact: Wash with soap and water. Contact physician if irritation continues.

Inhalation: Product cannot be inhaled in its normal form.

Ingestion: Not likely to occur under normal conditions.

Skin Absorption: Not likely to be absorbed through skin.

Signs and Symptoms of Exposure: None known

Medical Conditions Generally Aggravated by Exposure: None known

SECTION 5 – FIREFIGHTING MEASURES

Flash Point/Auto Ignition Temperature: >300oC (600oF)

Flammable Limits: N/A

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

Special Fire Fighting Procedures: Use self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards: None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Environmental Precautions: If film is dropped, pick up. If film is dropped into water, film will float. Pick film out of water. Advise municipal authorities of a possible floating film. Film is non-toxic.

Methods for Cleaning up: Pick up dropped film and place in suitable container for recycle or disposal. *Dispose* of recovered material to current regulations.

SECTION 7 – HANDLING AND STORAGE

Handling: Wash hands before eating, drinking, smoking.

Storage: Keep in a cool, dark place away from any heat, flame, sparks or strong oxidants.

SECTION 8 – PRECAUTIONS TO CONTROL EXPOSURE/PERSON PROTECTION

Respiratory Protection: Not required for normal use

Ventilation: Not required for normal use

Protective Gloves: Not normally required

Eye Protection: Not normally required

Other Protective Equipment: None Needed

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Solubility in Water: Insoluble

Appearance and Odor: Metallized polyester film/polyethylene film laminate with no odor.

Specific Gravity: Not determined

Melting Point: Not determined

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: None known

Incompatibility: None known

Hazardous Decomposition Products: Under fire conditions, products will decompose and produce carbon monoxide, carbon dioxide, nitrogen oxides, acrolein, and other organic vapors.

Hazardous Polymerization: Should not occur under normal use.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity – According to its composition, can be considered as:

Ingestion – Slightly or not harmful by ingestion.

Skin contact – Slightly or not irritating to skin; Contact in molten state can cause serious burns.

Eye contact – Slightly or not irritating to eyes, products of thermal decomposition can be irritating.

SECTION 12 – ECOLOGICAL INFORMATION

Persistence / Degradability in water – Inert polymer not biodegradable on the basis of its structure.

SECTION 13 – WASTE DISPOSAL CONSIDERATIONS

Dispose of according to Federal, State and Local Law. Treat as a non-hazardous waste, recycle if possible.

SECTION 14 – TRANSPORT INFORMATION

Shipping descriptions may vary based on mode of transportation, origin, destination, and quantity of goods being shipped;

USDOT: Class not regulated

SEA-IMDG (International Maritime Dangerous Goods): Class not regulated

AIR-ICAO (International Civil Aviation Organization): Class not regulated

SECTION 15 – REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA N/A

CERCLA N/A

SARA TITLE III N/A

311/312 Hazards N/A

313 Reportable Ingredients See Section 3

SECTION 16 – OTHER INFORMATION

HEALTH HAZARD DATA CONTAINED HEREIN WAS OBTAINED FROM THE SUPPLIERS OF THE RAW MATERIALS.