

## MATERIAL SAFETY DATA SHEET

Issue Date: August, 2014

### Section I

#### Product Information:

Product Name: METALLIZED HEAT SEALABLE FILM, (UN-MHS)  
Product Description: Polymer article  
Intended Use: Labeling material, Packaging material

#### Company Information:

Uniscite Inc,  
3288 N Old Laurens Rd  
Gray Court, SC 29645

Emergency Phone Numbers: 864-234-8489  
Uniscite Production Plant/ Headquarters

Gray Court, South Carolina  
Tel: 001-864-234-8489  
Fax: 864-538-0029  
E-mail: Info@unisciteinc.com

#### Product Information:

Trade Names and Synonyms:

Metallized heat sealable film

Chemical Family:  
CAS Registry No:

Polyolefin Compound  
9003-07-0

### Section II

#### Hazardous Ingredient

This material safety data sheet has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910 1200. This product does not contain ingredients which would be considered hazardous chemicals under that standard.

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### POTENTIAL PHYSICAL / CHEMICAL EFFECTS

Thermal burn hazard - contact with hot material may cause thermal burns. Material can accumulate static charges which may cause an ignition.

### POTENTIAL HEALTH EFFECTS

No adverse effects due to inhalation are expected.

NFPA Hazard ID:	Health: 0	Flammability: 1	Reactivity: 0
HMIS Hazard ID:	Health: 0	Flammability: 1	Reactivity: 0

### Section III

#### Inhalation:

##### Effect:

Considered a non-respirable solid. No significant irritation expected other than Possible mechanical irritation.

##### First Aid:

If adverse effect occurs, remove person(s) to uncontaminated area. Get medical Attention.

##### Protection:

None Required.

#### Eye:

##### Effect:

No significant irritation expected other than possible mechanical irritation.

##### First Aid:

Flush eyes with plenty of water.

##### Protection:

None Required.

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**Skin:**

**Effect:**

No significant irritation expected other than possible mechanical irritation

**First Aid:**

Wash exposed skin with soap and water.

**Protection:**

None required.

**Chronic Effects:**

None known.

### Section IV

#### Occupational Exposure Limits

**PEL (OSHA Permissible Exposure Limits):**

No OSHA PEL has been established for this particular product.

**TLV (ACGIH Threshold Limit Value):**

No ACSIN TLV has been established for this particular product.

### Section V

#### Emergency First Aid Procedures

Ingestion:	No need anticipated
Skin Contact:	No need anticipated
Eye Contact:	No need anticipated
Inhalation:	No need anticipated

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### Section VI

#### Physical Data

Boiling Point: Not Applicable  
Melting Point: 248 – 338 \*F  
120 – 170 \*C  
Vapor Pressure: Not Applicable  
Water Solubility: Insoluble

Specific Gravity: Water = 1  
0.90 – 0.91  
Product Appearance: Shiny Metallic Film  
Product Odor: Odorless

### Section VII

#### Fire and Explosion Hazard

Flash Point: Above 500 \*F  
260 \*C  
Auto-Ignition Temperature: >735 \*F  
>390 \*C

### EXTINGUISHING MEDIA

**Appropriate Extinguishing Media:** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

**Inappropriate Extinguishing Media:** Straight Streams of Water

### FIRE FIGHTING

**Fire Fighting Instructions:** Assure an extended cooling down period to prevent re-ignition. Material will burn in a fire. Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

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**Unusual Fire Hazards:** Exposure to fire can generate toxic fumes

**Hazardous Combustion Products:** Smoke, Fume, Incomplete combustion products, Oxides of carbon, Nitrogen oxides

### FLAMMABILITY PROPERTIES

**Flash Point [Method]:** N/A

**Flammable Limits (Approximate volume % in air):** LEL: N/D UEL: N/D

**Autoignition Temperature:** N/A

### Section VIII

### ENGINEERING CONTROLS

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider:

Adequate ventilation should be provided whenever the material is heated or mists are generated.

### PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

**Respiratory Protection:** If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:

No special requirements under ordinary conditions of use and with adequate ventilation.

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**Hand Protection:** Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include:

If product is hot, thermally protective, chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet style gloves.

**Eye Protection:** If contact is likely, safety glasses with side shields are recommended.

**Skin and Body Protection:** Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include:

If product is hot, thermally protective, chemical resistant apron and long sleeves are recommended.

**Specific Hygiene Measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

### Section IX

#### Environmental Protection

Storage Requirements:	No special requirements.
Spill or leak:	Contain and remove by mechanical means.
Waste Disposal	Disposal must be in accordance with applicable Federal, State or Local Regulations.

### Section X

#### Regulatory Controls

DOT Classification:	Non-regulatory commodity.
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### Section XI

#### Sara Title III Statement

Sara Title III Section 302.

Extremely Hazardous Substance(s):     None

Sara Title III Section 313.

This product does not contain Toxic chemicals above the Deminims levels as listed, which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-To-Know Act and 40 CFR part 372).

This information must be included in all MSDS that are copied and distributed for this material. Do not copy this Material Safety Data Sheet in Part --- You must copy, distribute and use the entire Material Safety Data Sheet.

### Section XII

#### Additional Information

The information presented herein has been derived from the works and opinions of persons believed to be qualified experts. Uniscite makes no warranty, expressed or implied, as to its accuracy and assumes no liability arising from its use by others.