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Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Linear Low Density Polyethylene w/UVI- Coated with Aluminum

Supplier: Star Metallizing
3801 Ocean Ranch Blvd, #105
Oceanside, CA 92056

Business Phone No.: (760) 529-4070
Business Fax No.: (760) 529-4487

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name(s):

- Linear Low Density Polyethylene (LLDPE)
- Low Density Polyethylene (LDPE)
- Ultraviolet Inhibitor Additive (UVI)
- Diatomaceous Earth Antiblock Additive (DE Antiblock)
- White PE Masterbatch
- 1188- H-18 Aluminum (99% Pure)

Ingredients Considered Hazardous To Health:
UVI may cause irritation to the skin, eyes, and if swallowed, may physically irritate the digestive system – ***Most likely not to occur in present form***

3. HAZARDS INDENTIFICATION

No hazard-warning label required on the product
Principle routes of exposure: Low risk entry in present form

Skin Contact: Contact with the product at elevated temperatures could result in thermal burns.

Eye Contact: Low hazard for usual industrial or commercial handling. Dust and small particles resulting from grinding of the film may cause irritation or corneal injury due to mechanical action(s).

Inhalation: Low hazard for usual industrial or commercial handling.

Indigestion: Not expected to occur in present form.

Material will melt/burn if exposed to flames. Melting point of the material will vary depending on the raw materials blended to manufacture the product. Exposure to flames can generate toxic fumes.

Material can conduct and electrical charge when aluminum is present.

4. FIRST AID MEASURES
Skin Contact (hot material):
If burned by contact of hot material, immediately cool molten material adhering to skin with water, and see a physician for removal of adhering material and treatment of burn. Do not attempt to remove the material from skin as the damaged flesh can be easily torn.

Eye Contact:
Flush eyes thoroughly for approximately 5 minutes if irritation occurs from being exposed to dust and small particles resulting from grinding of the film.
Contact a physician if irritation continues.

Inhalation:
If overcome by fumes resulting from the product being exposed to high heats, and flames, remove from further exposure in a well-ventilated area.
Seek immediate medical assistance if respiratory irritation, dizziness, nausea, or unconsciousness occurs. If breathing has stopped, assist ventilation with a bag-valve-mask device or use mouth-to-mouth resuscitation.

Ingestion:
Not expected to be ingested in present form.

5. FIRE-FIGHTING MEASURES
Extinguishing Media:
Carbon Dioxide, Foam, Dry Chemical, and Water Fog.

Special Fire-Fighting Procedures:
Use water to keep fire exposed products cool.

5. FIRE-FIGHTING MEASURES (continued)
Unusual Fire And Explosion Hazards:
Exposure to fire can generate toxic fumes. Wear appropriate approved respiratory protection while controlling fires in enclosed areas.
Flash point (°F): > 600°
Flash point (°C): > 300°
NFPA: Health: 2 Flammability: 1 Instability: 0
HMIS: Health: 2 Flammability: 1 Reactivity: 0
Hazardous Combustion Products: Oxides of nitrogen and carbon

6. ACCIDENTAL RELEASE MEASURES
Procedures if material is released or "spilled":
Film can be very "slippery" underfoot especially if/when a slip additive is included in the composition of the product and should be picked up and disposed of immediately.

7. HANDLING AND STORAGE

Handling:
A static electrical charge can potentially build up when handling polyethylene film.

Storage:
Store at ambient temperature in a dry area away from all ignition sources.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:
Polyethylene films are not to be handled around a person's head or face because suffocation can occur if the mouth and/or nose is covered.

Personal Protection:
No special personal protection is needed when handling this film.

Work/Hygiene Practices:
Star Metallizing suggests for a person that has handled this material to wash his/her hands thoroughly before eating, drinking, or using tobacco products.

Avoid handling around or with electrically charged items.

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Technical Data Sheet(s) for specific details.
Appearance: Smooth Surfaced Polyethylene Film
Color: White/Chrome
Odor: N/A
Flammability: 1
Density: Low
Coefficient of Friction: Different Upon Request
Gauge: Different Upon Request
N/A = Not Applicable N/E = Not Established

10. STABILITY AND REACTIVITY

Hazardous Decomposition Products:
Oxides of nitrogen and carbon

Conditions To Avoid:
Do not store near heat, flame or strong oxidants. Avoid moisture contact on Aluminum.

Hazardous Polymerization:
Will not occur.

11. TOXICOLOGICAL DATA

Skin Irritation:
Not toxic unless handled at elevated temperatures (Refer to Section 3)

Eye Irritation:
Not toxic unless exposed to dust or small particles generated from grinding the film (Refer to Section 3)

Inhalation Toxicity:
Not toxic unless exposed to dust or small particles generated from grinding the film (Refer to Section 3)

Oral Toxicity:
Could cause difficulty in breathing if swallowed and could lead to suffocation.

12. ECOLOGICAL INFORMATION

Environmental Data: Not expected to be hazardous to the environment in present form

Ecotoxicological Information: May be harmful to wildlife if ingested.

Ecological Comments: Keep out of waterways

13. DISPOSAL CONSIDERATIONS

Waste Disposal:
The product is suitable for processing by an approved recycling facility or can be disposed of at any government approved waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste, nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However used product may be regulated, depending upon its usage.

14. TRANSPORT INFORMATION

Not regulated for transport.

15. REGULATORY INFORMATION

Governmental Inventory Status:
All components comply with TSCA.

16. DISCLAIMER

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17. OTHER INFORMATION

This document is not to be viewed as a Regulatory Status/Compliance Letter concerning any governmental regulations set by the United States of America or any governmental regulations set by other foreign countries.