

PlatinumPET™ Gloss Film

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SECTION 1: Chemical Product and Company Identification

Product Description	Single or multilayer oriented Polyester films
Product Name(s)	PlatinumPET™ Gloss Film
Product Use	Use of the substance/mixture: See Technical Data Sheet
Distributor Name	Nobelus 4841 Lumber Lane, Knoxville, TN 37921
Emergency Phone Number	800.895.2747

SECTION 2: Hazard Identification

Classification of the Substance or Mixture	Classification (GHS-US) Not classified, this material is considered an article under 29 CFR 1910.1200
Label Elements	GHS-US Labeling No labeling applicable, this material is considered an article under 29 CFR 1910.1200
Other Hazards	This product in its supplied form as an article is not expected to create any hazards. If the consumer changes the form of the product in a manner in which dust is generated, the dust may be considered combustible. When heated to decomposition, may emit toxic fumes. Risk of thermal burns on contact with molten material. Material may develop static charge under normal handling and processing conditions.
Unknown Acute Toxicity (GHS-US)	No data available

SECTION 3: Composition / Information on Ingredients

Substance	Not Applicable			
Mixture	This material is considered an article under 29 CFR 1910.1200			
Material	Product Identifier	%	Classification (GHS-US)	Notes
Polyethylene Terephthalate	(CAS No) 25038-59-9	80 - 97	Not classified	[1][2]
Copolyester	Proprietary*	< 20	Not classified	-

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

* In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: First Aid Measures

First-aid Measures General	Product is not expected to present hazards in the supplied form. If the consumer changes the form of the product, these first aid measures may be applicable on an as needed basis. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
Following Inhalation	When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
After Eye Contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
After Skin Contact	Not expected to present a significant dermal hazard under anticipated conditions of normal use. Obtain medical attention if irritation develops or persists. If contact with molten material occurs removal of solidified molten material from skin requires medical assistance.
After Ingestion	Rinse mouth. Do not induce vomiting. Get medical advice/attention.

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SECTION 4: First Aid Measures Continued

Most important symptoms and effects, both acute and delayed

Symptoms / Injuries	Not expected to present a significant hazard under anticipated conditions of normal use. Risk of thermal burns on contact with molten material.
Symptoms / Injuries After Inhalation	Fumes from decomposition may cause adverse effects.
Symptoms / Injuries After Skin Contact	Risk of thermal burns on contact with molten material.
Symptoms / Injuries After Eye Contact	Particulates, dust and decomposition products may cause eye irritation.
Symptoms / Injuries After Ingestion	Ingestion may have adverse effects.
Indication of Any Immediate Medical Attention and Special Treatment Needed	If exposed or concerned, get medical advice and attention.

SECTION 5: Fire Fighting Measures

Fire-Fighting Method and Media	Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Recommended Extinguishing Media: alcohol resistant foam, CO2, water spray. Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.
Special Hazards Arising From the Substance or Mixture	Fire Hazard: Not considered flammable but may burn at high temperatures. Explosion Hazard: Product is not explosive. Processing may form combustible dust concentrations in air which creates the potential for dust ignition/explosion. Reactivity: Hazardous reactions will not occur under normal conditions.
Advice for Firefighters	Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Firefighting Instructions: Use water spray or fog for cooling exposed containers. Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Keep personnel removed and upwind of fire. Other Information: When heated to decomposition, may emit toxic fumes.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	General Measures: Avoid breathing vapors from molten material. Material may develop static charge under normal handling
For Non-emergency Personnel	Protective Equipment: Use appropriate personal protection equipment (PPE) identified in Section 8. Emergency Procedures: Evacuate unnecessary personnel.
For Emergency Responders	Protective Equipment: Equip cleanup crew with proper protection. Emergency Procedures: Ventilate area if product has been heated to decomposition or dusty conditions exist.
Environmental Precautions	Prevent entry to sewers and public waters.
Methods and Material for Containment and Cleaning Up	For Containment: Where possible allow molten material to solidify naturally. Collect as solid. Methods for Cleaning Up: Choose recovery method best suited for product form. Clear up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Cool molten material to limit spreading. Follow applicable federal, state and local regulations.
Reference to Other Sections	See Section 8, Exposure Controls and Personal Protection.

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SECTION 7: Handling and Storage			
Precautions for Safe Handling		<p>Additional Hazards When Processed: When heated to decomposition, may emit toxic fumes. Avoid breathing vapors from molten material. Risk of thermal burns on contact with molten material. Electrostatic charges can be generated under normal handling and processing conditions.</p> <p>Precautions for Safe Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing fumes from decomposition.</p> <p>Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.</p>	
Conditions for Safe Storage, Including Any Incompatibilities		<p>Technical Measures: Comply with applicable regulations.</p> <p>Storage Conditions: Store in a dry, cool and well-ventilated place. Keep/Store away from extremely high or low temperatures, ignition sources, direct sunlight, and incompatible materials.</p> <p>Incompatible Products: Strong acids. Strong bases. Strong oxidizers.</p>	
Specific End Use(s)		See Technical Data Sheet	
SECTION 8: Exposure Controls / Personal Protection			
Control Parameters		For substances listed in Section 3 that are not listed here, there are no established exposure limits from the manufacturer,	
CAS No.	Ingredient	Source	Value
25038-59-9	Polyethylene Terephthalate	OSHA	Particulates (not otherwise regulated): TWA 15 mg/m ³ , total dust; TWA 5 mg/m ³ , respirable dust
		ACGIH	Guideline for particulates (insoluble or poorly soluble, not otherwise specified): TWA 10 mg/m ³ , inhalable particles; TWA 3 mg/m ³ , respirable dust
		NIOSH	No Established Limit
		Supplier	No Established Limit
Appropriate Engineering Controls		Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.	
Personal Protective Equipment		Protective clothing. Eye protection. Gloves.	
Materials for Protective Clothing		Thermally protective materials and fabrics when melting or burning material.	
Hand Protection		Wear cut resistant gloves when cutting material; wear thermally insulated/heat resistant gloves when melting material.	
Eye Protection		Safety goggles or safety glasses. A face shield should be worn when working with molten material.	
Respiratory Protection		Not normally required. Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits and/or ventilation is insufficient.	
Thermal Hazard Protection		Wear suitable protective clothing.	
Other Information		When using, do not eat, drink or smoke.	

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SECTION 9: Physical and Chemical Properties

Physical State	Solid
Appearance / Color	Clear Film
Odor	No data available
Odor Threshold	No data available
pH	No data available
Evaporation Rate	No data available
Melting Point	250°C (482°F)
Freezing Point	No data available
Boiling Point	No data available
Flash Point	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	No data available
Vapor Pressure	No data available
Relative Vapor Density at 20°C	No data available
Relative Density	No data available
Specific Gravity	1.4
Solubility	Water: Insoluble
Partition Coefficient: N-Octanol/Water	No data available
Viscosity	No data available

SECTION 10: Stability & Reactivity

Reactivity	Hazardous reactions will not occur under normal conditions.
Chemical Stability:	Stable under recommended handling and storage conditions (see Section 7).
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures. Sources of ignition. Incompatible materials.
Incompatible Materials	Strong acids. Strong bases. Strong oxidizers.
Hazardous Decomposition Products	Carbon oxides (CO, CO ₂). Acrid smoke and irritating fumes. Toxic fumes.

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SECTION 11: Toxicological Information

Acute Toxicity		Not classified							
CAS No.	Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust /Mist LC50 mg/L/4hr	Inhalation Gas LC50, ppm			
25038-59-9	Polyethylene Terephthalate	No data available	No data available	No data available	No data available	No data available			
Proprietary	Copolyester	No data available	No data available	No data available	No data available	No data available			
Skin Corrosion/Irritation		Not classified							
Serious Eye Damage/Irritation		Not classified							
Respiratory or Skin Sensitization		Not classified							
Germ Cell Mutagenicity		Not classified							
Reproductive Toxicity		Not classified							
Specific Target Organ Toxicity (Single Exposure)		Not classified							
Specific Target Organ Toxicity (Repeated Exposure)		Not classified							
Aspiration Hazard		Not classified							
Carcinogenicity		Not classified							
CAS No.	Ingredient	Source							
		OSHA	NTP		IARC				
		Select Carcinogen	Known Carcinogen	Suspected Carcinogen	Group 1	Group 2A	Group 2B	Group 3	Group 4
25038-59-9	Polyethylene Terephthalate	No	No	No	No	No	No	No	No
Proprietary	Copolyester	No	No	No	No	No	No	No	No
Symptoms/Injuries After Inhalation		Fumes from decomposition may cause adverse effects.							
Symptoms/Injuries After Skin Contact		Risk of thermal burns on contact with molten material.							
Symptoms/Injuries After Eye Contact		Particulates, dust and decomposition products may cause eye irritation.							
Symptoms/Injuries After Ingestion		Ingestion may have adverse effects.							

SECTION 12: Ecological Information

Toxicity		Not classified		
Aquatic Ecotoxicity				
CAS No.	Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
25038-59-9	Polyethylene Terephthalate	Not available	Not available	Not available
Proprietary	Copolyester	Not available	Not available	Not available

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SECTION 12: Ecological Information Continued

Persistence and Degradability	
Polyester Film "Lumirror" Persistence and Degradability	Not established
Bioaccumulative Potential	
Polyester Film "Lumirror" Bioaccumulative Potential	Not established
Mobility in Soil	No additional information available
Results of PBT and vPvB Assessment	This product contains no PBT/vPvB chemicals.
Other Adverse Effects	Avoid release to the environment

SECTION 13: Disposal Considerations

Waste Disposal Methods / Disposal Recommendations	Dispose of waste material in accordance with all local, regional, national, and international regulations.
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SECTION 14: Transport Information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO / IATA
UN Number	Not Applicable	Not Regulated	Not Regulated
UN Proper Shipping Name	Not Regulated	Not Regulated	Not Regulated
Transport Hazard Classes	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
Packing Group	Not Applicable	Not Applicable	Not Applicable
Environmental Hazards	-	IMDG Marine Pollutant: No	-
Special Precautions for Users	No further information		

SECTION 15: Regulatory Information

The regulatory data in this Section is not intended to be all-inclusive – only selected regulations are represented.

US Federal Regulations		
Toxic Substances Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA inventory	
WHMIS Classification	Not Regulated	
US EPA Tier II Hazards	Immediate (Acute)	No
	Delayed (Chronic)	No
	Fire	No
	Reactive	No
	Sudden Release of Pressure	No
EPCRA Sections 311/312 Chemicals and Reportable Quantities:	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.	

nobelus[®]
CONSIDER IT FINISHED

The information furnished herein is believed to be factual. No hazardous substances are used in the manufacturing of this product on this material safety data sheet with the exceptions indicated. Though no specific analysis is done for the products or the raw material used in its manufacturing for hazardous substances stated in various states list. The information is taken from works and qualified experts, however nothing contained in the information is to be taken as warranty or representation for which Nobelus®, bears legal responsibility.

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SECTION 15: Regulatory Information Continued

EPCRA Section 302 Extremely Hazardous Substances	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
EPCRA Section 313 Toxic Chemicals	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
US State Regulations	
New Jersey Right to Know Substances (>1%)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Pennsylvania Right to Know Substances (>1%)	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

SECTION 16: Other Information

The data in this Material Data Safety Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or process.	
Last Revision	March 2022
Training Instructions	None Known
Data Sources	Data provided is from Manufacturer's SDS Sheets. This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. This material is considered an article under 29 CFR 1910.1200. The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.
Disclaimer	This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The information contained herein is based upon typical technical information, believed to be reliable. It is subject to revision, as additional knowledge is gained.