



PLATINUMPET™ 1.2 - 10 MIL & DIGIBOND™, PLATINUMGS™ THERMAL LAMINATE

SECTION 1: Material Identification

Product Name	PlatinumPET 1.2 - 10 mil & DigiBOND, PlatinumGS Thermal Laminate
Recommended Use	Thermal Laminating
Uses Advised Against	No Data Available
Distributor Name	Nobelus 4841 Lumber Lane Knoxville, TN 37921
Emergency Phone Number	800.895.2747

SECTION 2: Hazard Identification

Hazard Classification	No Data Available
Signal Word	No Data Available
Hazard Statements	No components are hazardous.
Pictograms	No Data Available
Precautionary Statements	No Data Available
CAS Hazard Class	Not Regulated
% Of Product with Unknown Acute Toxicity	No Data Available
Unusual Fire & Explosion Hazards	No Unusual Hazards

The film can pick up a strong static charge during processing. Avoid discharge into dust or solvent as a flash fire or explosion may result.

SECTION 3: Composition / Information on Ingredients

Chemical Name and Synonyms	Main Film: Polyethylene Terephthalate, PET Coating Film: Low Density Polyethylene, LDP Adhesive: Poly Ethylene Vinyl Acetate, EVA
Formula	PET = [-OC-C6H4-COOCH2 O-] _n LDPE = [-CH2-CH2-] _n EVA = [-CH2-CH-COOCH3-] _n
CAS No	No Data Available
Concentrations	No Data Available
Impurities & Stabilizing Additives	No Data Available
Trade Secret Claims	No Data Available

SECTION 4: First Aid Measures

General Information	No Data Available
Following Inhalation	If exposed to fumes from overheating or combustion move to fresh air. Get medical attention if symptoms persist.
After Eye Contact	Flush eye(s) with plenty of water. Consult a physician if symptoms persist.
After Skin Contact	Wash skin with plenty of water & soap. If molten polymer contacts skin, cool rapidly with water. Do not peel polymer from skin; get medical attention for thermal burn.
After Ingestion	No Data Available
Important Symptoms and Effects, Both Acute and Delayed	No Data Available
Recommendations for Immediate Medical Care / Special Treatment	No Data Available



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SECTION 5: Fire Fighting Measures	
General Information	No Data Available
Suitable Extinguishing Agents / Equipment	No Data Available
Unsuitable Extinguishing Agents / Equipment	No Data Available
Special Exposure Hazards arising from the Substance itself, Combustion Products, or Resulting Gases	The products of incomplete combustion include carbon monoxide, carbon dioxide, acetaldehyde and acrolein.
Special Protective Equipment for Fire Fighters	Respiratory and eye protection should be provided for trained fire-fighting personnel to avoid contact with combustion products.
Fire Fighting Procedures and Precautions	No Data Available
SECTION 6: Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	No Data Available
Environmental Precautions and Protective Procedures	No Data Available
Methods for Containment and Cleanup	No Data Available
SECTION 7: Handling and Storage	
Precautions for Safe Handling	Rolls may telescope; handle with caution. Avoid skin contact with sharp film edges. A static discharge device is necessary to eliminate the electrostatic buildup on the roll as it is being unwound and re-wound, especially in potentially explosive atmospheres.
Conditions for Safe Storage including Incompatibilities	Store in a cool and dry place. Keep packages closed to prevent contamination. Temperature and humidity should be controlled at 77°F - 95°F (25 °C - 35°C) and less than 85% RH, respectively. Bare (opened) rolls are recommended to be handled at the condition of 64.4°F - 77°F (18°C - 25°C and less than 65% RH.
Shelf Life	It is advisable to use Polyester thermal lamination films within one year from delivery. The rolls may be good condition even further if stored properly at recommended conditions in its original packaging.
Precautions against Fire and Explosion	No Data Available
SECTION 8: Exposure Controls / Personal Protection	
Control Parameters	No Data Available
Permissible Exposure Limits (PELs)	No Data Available
ACGIH Threshold Limit Values (TLVs)	No Data Available
General Information Regarding PPE	No Data Available
Hand, Skin, and Body Protection	Gloves are recommended for handling the film.
Eye Protection	Wear safety glasses as a part of good industrial safety practice.
Respiratory Protection	Respirator Not Required
Special Requirements for PPE	No Data Available
Appropriate Engineering Controls / Ventilation	Local ventilation may be required at temperature above 464°F (240°C), otherwise normal ventilation is required.
Thermal Hazard Protection	No Data Available



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SECTION 9: Physical and Chemical Properties

Appearance / Color	Thin, Transparent plastic film with opaque appearance.
State of Matter	No Data Available
Upper / Lower Flammability Limits	No Data Available
Upper / Lower Explosive Limits	No Data Available
Odor	Nil
Odor Threshold	No Data Available
Vapor Density	No Data Available
pH	No Data Available
Relative Density	No Data Available
Melting Point/ Melting Range	203°F – 500°F (95°C -260°C)
Freezing Point / Freezing Range	No Data Available
Solubility(ies)	No Data Available
Initial Boiling Point / Boiling Range	No Data Available
Flash Point	No Data Available
Evaporation Rate	No Data Available
Density	No Data Available
Relative Density	No Data Available
Flammability (solid, gas)	No Data Available
Partition Coefficient (N-Octane / Water)	No Data Available
Auto-Ignition Temperature	Not Applicable
Viscosity: Dynamic / Kinematic	No Data Available
Decomposition Temperature	No Data Available
Danger of Explosion	No Data Available
Vapor Pressure	No Data Available
Specific Gravity	0.92 - 1.4 g/cc
Spontaneous Combustion	No Data Available
Solubility / Miscibility with Water	Insoluble
Solvent Content	No Data Available
Oxidization	No Data Available
Distribution Coefficient	No Data Available
Molecular Weight	No Data Available
Other Information	No Data Available



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SECTION 10: Stability & Reactivity	
Reactivity	No Data Available
Chemical Stability	Stable at Room Temperature
Possibility of Hazardous Reactions	No Data Available
Thermal Decomposition / Conditions to Avoid	Temperature above 464 °F (240 °C), strong acids, alkali may hydrolyze the film.
Incompatible Materials	No Data Available
Hazardous Decomposition Products	Carbon monoxide, Carbon dioxide, Acetaldehyde and Acrolein
Hazardous Polymerization	Polymerization does not occur.
SECTION 11: Toxicological Information	
Acute Toxicity	No Data Available
Primary Irritant Effects on the Skin	No skin problem is anticipated during handling of the film.
Primary Irritant Effects on the Eye	Mechanical Irritation Only
Primary Irritant Effects upon Inhalation	Upon over-heating product may produce fumes. Remove personnel to fresh air and lower heat to recommended temperatures.
Primary Irritant Effects upon Ingestion	This product is non-toxic.
Delayed, Immediate, and Chronic Effects from Exposure	No Data Available
Symptoms	No Data Available
Carcinogen Information: if Listed in NTP or IARC	No Data Available
Sensitization	No Data Available
STOT (Specific Target Organ Toxicity): Single and Repeated Exposure	No Data Available
Additional Toxicological Information	No Data Available
SECTION 12: Ecological Information	
Ecological & Aquatic Toxicity	No data. Very low toxicity is predicted on the basis of negligible solubility of film in water.
Persistence and Dependability	No Data Available
Bioaccumulative Potential	No Data Available
Mobility in Soil / Argonomical Movement	No Data Available
Other Hazardous Effects	No Data Available
Additional Ecological Information	No Data Available
SECTION 13: Disposal Considerations	
Disposal Method and Precautions	Landfill is preferable. Alternative is forced draft disposal.
Recommended Cleansing Agents	No Data Available
Contaminated Packaging	No Data Available
General Comment	Dispose according to Local, Federal, and State Regulations.
Refer to Section 8 for more information regarding minimizing exposure and protection.	



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SECTION 14: Transport Information	
UN Number	No Data Available
UN Proper Shipping Name	No Data Available
Transport Hazard Class(es)	No Data Available
Class	No Data Available
Packing Group Number	No Data Available
ADR, IMDG, IATA	No Data Available
Environmental Hazards	No Data Available
Marine Pollutant	No Data Available
Special Precautions for User	No Data Available
UN "Model Regulation"	No Data Available
Bulk Transport Regulations	No Data Available
SECTION 15: Regulatory Information	
NFPA Grade	No Data Available
Federal Regulations	No Data Available
State Regulations	No Data Available
SECTION 16: Other Information	
Last Revision	May 2020
Training Instructions	None Known
Data Sources	Data provided is from Manufacturer's SDS Sheets.