

Platinum[®] OPP 20 mic Gloss Film

UF210C-080

SECTION 1: Material Identification

Product Name	Platinum OPP 20 mic Gloss Film
Recommended Use	Lamination
Uses Advised Against	No data available.
Distributor Name	Nobelus Europe Ltd. Denmark House Victoria Way Studlands Park Industrial Estate Newmarket CB8 7AU, UK
Emergency Phone Number	+44 (0)1638 591187

SECTION 2: Hazard Identification

Hazard Classification	These films do not present a specific danger during use and handling under normal safe working conditions.
Signal Word	No data available.
Hazard Statements	These materials are not considered to be hazardous according to regulatory guidelines (see SDS Section 15). Plastic films on the floor can become a trip or slip hazard. Work areas should always be kept clean, free of plastic debris. Thermal burn hazard - contact with hot material may cause thermal burns. Material can accumulate static charges which may cause an ignition. Static charges should be eliminated or reduced as much as possible. Use static eliminators to reduce the charges.
Pictograms	No data available.
Precautionary Statements	No data available.
CAS Hazard Class	No data available.
Results of PBT and vPvB Assessment	No data available.
% of Product with Unknown Acute Toxicity	No data available.
Unusual Fire & Explosion Hazards	No data available.
Label Elements	No data available.
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.	

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SECTION 3: Composition / Information on Ingredients

The main component of Print (Wet) Lamination or Label overprint films is a BOPP film without an EVA layer. Print Lamination products may also contain a water-based polyurethane coating, acrylic coating or a combination. Based on product type, thickness and composition of components may change. Some product types may have decorative enhancements like Metallization or Embossing.

Chemical Name and Synonyms	CAS No.	Concentration
Polypropylene	9003-07-0	No data available.
Polyethylene	9002-88-4	No data available.
Water-based aliphatic urethane dispersion	9010-69-9	No data available.
Water-based acrylic coating	79-10-7	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	No adverse effects due to inhalation are expected under normal use. Thermal films may produce a slight odor when heated or laminated. Use ventilation during lamination. Get immediate medical attention if irritation or other symptoms develop.
After Eye Contact	If a sliver of plastic gets in the eye, treat the piece as an inert foreign particle. Rinse immediately with plenty of clean water for 5 minutes. Hold eyelids open during flushing. If irritation persists, repeat flushing and get medical attention immediately.
After Skin Contact	Skin contact with this material under normal use does not present a problem. If molten plastic film contacts skin, then treat affected area with cool running water for at least 5 minutes. Do not attempt to remove any melted material sticking to the skin to avoid pulling the skin. Get immediate medical attention.
After Ingestion	Accidental ingestion is unlikely. No adverse effects due to ingestion are expected. If a sliver of plastic is swallowed, get medical attention immediately to avoid blockage.
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	Water, carbon dioxide, foam or dry chemical media may be used for extinguishing.
Unsuitable Extinguishing Agents / Equipment	Exposure to fire can generate toxic fumes.
Special Exposure Hazards Arising from the Substance itself, Combustion Products, or Resulting Gases	Smoke, Fume, Incomplete combustion products, Oxides of carbon, Nitrogen oxides.
Special Protective Equipment for Fire Fighters	Eyes: Safety glasses are prudent Skin: if material is molten use heat resistant gloves Inhalation: NA
Fire Fighting Procedures and Precautions	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. Care must be exercised when using high pressure water to avoid splatting molten polymer and spreading the fire.
Heat Value	No data available.
SECTION 6: Accidental Release Measures	
Personal Precautions, Protective Equipment, and Emergency Procedures	Not applicable, product is not a liquid or flowable powder. Sweep or pick up material to prevent a slipping hazard. Wear protective gloves when handling hot material. The film is a solid article and will not release.
Environmental Precautions and Protective Procedures	No data available.
Methods for Containment and Cleanup	Recycle, incinerate or landfill.
References to Other Sections	No data available.
SECTION 7: Handling and Storage	
Precautions for Safe Handling	No special hazards anticipated under normal use and storage conditions. Use good housekeeping practices to prevent accumulation of dust. Keep away from flames and sources of ignition. Do not store near heat sources or air vents. Store in dry areas out of direct sunlight if possible, in original boxes. Ground all equipment and containers to prevent a static charge buildup.
Conditions for Safe Storage including Incompatibilities	Not a hazardous material. No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.
Shelf Life	No data available.
Precautions against Fire and Explosion	Material can accumulate static charges which may cause an electrical spark (ignition source).

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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	Eyes: Use of safety glasses recommended in any industrial environment. Skin: Use of gloves and long sleeves when working with hot equipment and polymer. Recommended avoiding cuts, skin abrasions or thermal burns. Inhalation: NA.
Eye Protection	No data available.
Respiratory Protection	Not required for normal handling and working conditions with films.
Special Requirements for PPE	No data available.
Appropriate Engineering Controls / Ventilation	No special ventilation is required. Normal industrial ventilation is enough. Local exhaust recommended. Mechanical exhaust recommended.
Thermal Hazard Protection	No data available.

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SECTION 9: Physical and Chemical Properties

Appearance / Color	Translucent or clear.
State of Matter	No data available.
Upper / Lower Flammability Limits	No data available.
Upper / Lower Explosion Limits	No data available.
Odor	No data available.
Odor Threshold	No data available.
Vapor Density	No data available.
pH	No data available.
Relative Density	No data available.
Melting Point / Melting Range	Not applicable.
Freezing Point / Freezing Range	No data available.
Solubility(ies)	No data available.
Initial Boiling Point / Boiling Range	Not applicable.
Flash Point	No data available.
Evaporation Rate	Not applicable.
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	280°C
Viscosity: Dynamic / Kinematic	No data available.
Decomposition Temperature	No data available.
Danger of Explosion	No data available.
Vapor Pressure	No applicable.
Specific Gravity	25 Celsius: 1.05-1.14 depending on product composition (H ₂ O=1)
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	Percentage Volatile: <0.1%

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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	Storage at temperatures above 75°C.
Incompatible Materials	Incompatible with strong acids and oxidizing agents.
Hazardous Decomposition Products	Decomposition products may include carbon, carbon monoxide, carbon dioxide, organic acids (Terephthalic acid), Aldehyde (Formaldehyde), Organic vapors or Vinyl acetate monomer, Acetic acid and vinyl acetate.
Hazardous Polymerization	This material is not known to have any hazardous polymerization characteristics.
SECTION 11: Toxicological Information	
Acute Toxicity	No data available.
Primary Irritant Effects on the Skin	Not determined. Films present low hazard under usual handling and use.
Primary Irritant Effects on the Eye	Not determined. Films present low hazard under usual handling and use.
Primary Irritant Effects upon Inhalation	Not determined. Films present low hazard under usual handling and use. Vapors are unlikely due to physical properties.
Primary Irritant Effects upon Ingestion	Not determined. Films present low hazard under usual handling and use.
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	Our supplier has not conducted Toxicology tests on thermal laminating films. Information here is based on studies done by manufacturers of individual components.
SECTION 12: Ecological Information	
Ecological & Aquatic Toxicity	No environmental damage is expected when the material is disposed of in a safe and approved manner in accordance with local regulations. If burning material is exhausted to open air, CO ₂ , CO and waste is produced. Products do not contain additives based on heavy metals like cadmium, lead, mercury or chromium.
Persistence and Degradability	No data available.
Bioaccumulative Potential	No data available.
Mobility in Soil / Agronomical Movement	No data available.
Other Hazardous Effects	No data available.
Additional Ecological Information	No data available.

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SECTION 13: Disposal Considerations

Disposal Method and Precautions	Recycled or may be disposed of or incinerated in accordance with local regulations.
Recommended Cleansing Agents	No data available.
Contaminated Packaging	No data available.
General Comment	Dispose according to Local, Federal, and State Regulations
References to Other Sections	No data available.

SECTION 14: Transport Information

UN Number	Non-regulated commodity.
UN Proper Shipping Name	No data available.
Transport Hazard Class(es)	Polypropylene film is not classified as a hazardous waste under Directive 2008/98EC.
Class	No data available.
Packing Group Number	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.

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SECTION 15: Regulatory Information	
REACH Regulation (1907/2006)	The REACH regulation (1907/2006) does not require an EU safety data sheet for "articles". These polypropylene films are "articles" under REACH, rather than "substances" a safety data sheet is not required. This document is provided for Safe Handling of these Polypropylene films.
OSHA Hazard Communication Standard	When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.
EPCRA Section 302	These films do not contain any extremely hazardous substances.
Sara (311/312) Reportable Hazard Categories	None.
Sara (313) Toxic Release Inventory	These materials contain no chemicals subject to the supplier's notification requirements of the SARA 313 Toxic Release Program.
Toxic Substance Control Act (TSCA)	These products do not contain any Toxic substance as per Toxic Substance Control Act (TSCA)
SECTION 16: Other Information	
Last Revision	May 1, 2025
Training Instructions	None Known.
Data Sources	Data provided is from Manufacturer's SDS Sheets.
Disclaimer	These films are suitable for use during 6 months from the date of Manufacture; It is advisable to rotate stock and store in dry conditions at Temperature below 30 Deg C. Pallet strapping under tension and when cut will recoil exposing sharp corners. It is always recommended that eye protection be worn during unpacking, cutting and handling the pallets. The information given here is made in good faith and is based on their present knowledge and experience. They describe our supplier's products' safety requirements, and do not represent a guarantee of certain product characteristics.

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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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