



Material Safety Data Sheet

Polyester Thermal Lamination Film

Distributor Name:

GVDirect™

1261 Balmoral Road, Cambridge, ON N1T 1C4

Tel: 1.877.526.6848 | Fax: 519.740.3276

SECTION 1: Material Identification	
Product Name	Performance PET Gloss 1.2 mil - 10.0 mil, Performance PET Matte 1.7 mil - 10.0 mil, Performance GS (AGX PET) Gloss 1.2 mil, A-Lam Gloss 1.5 mil & 3.0 mil, Performance LM/UV Gloss 1.7 mil - 5.0 mil, Performance LM/UV Matte 1.7 mil - 5.0 mil, Performance PET DigiGrip Gloss 1.7 mil - 10.0 mil, Performance PET DigiGrip Matte 1.7 mil - 10.0 mil & Ultra-A.
Chemical Name	Main Film = Polythylene Terephthalate, PET Coating = Low Density Polyethylene, LDPE , Poly Ethylene Vinly Acetate, EVA
Formula	PET = $[-OC-C_6H_4-COOCH_2O-]_n$ LDPE = $[-CH_2-CH_2-]_n$ EVA = $[-CH_2-CH-COOCH_3-]_n$
CAS Hazard Class	Not Regulated
CAS No	PET (25038-59-9), LDPE (9002-88-4), EVA (24937-78-8)
Issue Date	13 th January 2020

SECTION 2: Hazardous Components	
Material	No components are hazardous
CAS No	NA
Concentration %	NA
PEL	NA
TLV	NA

SECTION 3: Physical / Chemical Data	
Appearance	Thin, Transparent plastic film with opaque appearance.
Odor	Nil
Melting Point	203 °F - 500 °F (95°C - 260°C)
Solubility in Water	Insoluble
Specific Gravity	0.92 - 1.4 g/cc
Volatile Content %	Negligible

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SECTION 4: Fire & Exploration Hazard Data

Unusual Fire & Explosion Hazards

No unusual hazards

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

Hazardous Combustion Products

The product of incomplete combustion include carbon monoxide, carbon dioxide acetaldehyde & acrolein. 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 atmosphere.

Fire Fighting Instructions / Procedures

Respiratory and eye protection should be provided for trained fire-fighting personnel to avoid contact with combustion products.

Flash Ignition Temperature

N/A

SECTION 5: Reactivity

Stability at Room Temperature

Stable

Conditions & Materials to Avoid

Temperature above 240 °C, strong acids, alkali may hydrolyze the film.

Hazardous Decomposition Products

Carbon Monoxide, Carbon Dioxide, Acetaldehyde & Acrolein.

Polymerization

Not occur

SECTION 6: Accidental Release Measures

Scrap film generated through processing, e.g. slitting/shredding be swept and disposed of on drums or plastic bags according to local regulations, do not allow entering drains and waterways.

SECTION 7: Health Hazards Information

Inhalation

Upon over-heating may produce fumes.
Remove personnel to fresh air and lower heats to recommended temperatures.

Ingestion

Non-Toxic

Eye Contact

Mechanical irritation only

Skin Contact

No skin problem is anticipated during handling the film

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SECTION 8: Emergency First Aid Procedure	
Inhalation	If exposed to fumes from overheating or combustion moves to fresh air, get medical attention if symptoms persist.
Eye Contact	Flush eyes with plenty of water. Consult a physician if symptoms persist.
Skin Contact	Wash skin with plenty of water & soap. If molten polymer contacts skin, cool rapidly with water. Don't peel polymer from skin, get medical attention for thermal burn.
SECTION 9: Exposure Controls / Employee Protection Information	
Ventilation	Local ventilation may be required at temperature above 240°C, otherwise normal ventilation is required.
Skin	For handling the film, gloves are recommended
Eyes	Wear safety glasses as a part of good industrial safety practice.
Respiratory	Not required.
SECTION 10: Ecological	
	Films are not biodegradable Many year experience shows that the product is not hazardous to the environment.
SECTION 11: Disposal Consideration	
Water Disposal	Landfill is preferable. Alternative is forced draft disposal method must confirm to local, state and federal laws.
Spill - Leak or Release	N/A
SECTION 12: Toxicological Information	
Aquatic Toxicity	No data. Very low toxicity is predicted on the basis of negligible solubility of film in water.
SECTION 13: Transport Information	
	Not classified hazardous for transport. Dispatch by mail permitted.

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SECTION 14: Regulatory Information

Clear Air Act Status: This product does not contain and is not produced with ozone depleting chemicals as defined in 58 FR 8136, February 11, 1993

SECTION 15: Storage Conditions / Shelf Life

Storage Conditions

Store in cool & dry place. Packages are kept closed to prevent contamination. Roll may telescope, handle with caution. Avoid skin contact with sharp edges.

Temperature and humidity should be controlled at 25°C - 35°C and less than 85% RH, respectively. Bare (opened) rolls are recommended to be handled at the condition of 18°C - 25°C and less than 65% RH.

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 packing.

SECTION 16: Other Information

Last Revision

Jan 2020

Training Instructions

None Known

Data Sources

Data provided is from Manufacturer's SDS Sheets.

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 work & qualified experts, however nothing contained in the information is to be taken as warranty or representation for which GVDirect™, bears legal responsibility.

For further information contact -

GVDirect™

1261 Balmoral Road,
Cambridge, ON N1T 1C4

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ULTRA-A™

Gloss

An excellent choice for all roll laminators. **Ultra-A** is well known for its transparency, strength and stiffness. This low melt film has great bonding characteristics and is used in print shops and schools.

Film Thickness Roll Size	Code
1.7 mil 12" x 500'	3102
1.7 mil 18" x 500'	3104
1.7 mil 25" x 500'	3106
1.7 mil 25" x 750'	3107
1.7 mil 27" x 500'	3108
1.7 mil 27" x 750'	3109



Note: The information given above is believed to be true and accurate and is not intended to violate any statutory condition or right of a third party. GVDirect™ makes no warranty, express or implied, as to the fitness of the products for any specific use or purpose. The above data is purely for reader's consideration, investigation and verification.

Finish Well

GVDirect™ diligently works to ensure our Performance™ lineup of laminate films, digital technologies, equipment, and all things finishing work for our customers to gain consumer attention and market share. GVDirect™ diligently endeavors to deliver value in service, product, and equipment that surpass market demands, support productivity, and uphold social and environmental integrity.

1.877.526.6848

gvdirect.com

WARRANTY/DEFECTIVE PRODUCT RETURN POLICY

It is our policy to provide credit to any customer for an item under warranty received from our company that has a defect in manufacturing so long as the serial number/batch number, customer name, and a copy of the return authorization issued by GVDirect Inc. personnel are clearly attached to the product's packaging and the defective product is received by GVDirect Inc.

Once it has been determined for certain that the defect is a manufacturing defect and nothing else, our company will issue a return authorization, and the product containing the manufacturing defect can be returned at GVDirect Inc.'s expense via GVDirect Inc.'s desired method only (in some cases, a photo may be sufficient, and we may advise the customer to just discard the defective product). Items must be packaged sufficiently for safe arrival. If customer requests that a new unit be sent out prior to GVDirect Inc. receiving the defective unit (via the above instructions), a new invoice will be created, and credit will be issued upon receipt of the defective unit once the claim is deemed to be valid.

"NOT SUITED" PRODUCT RETURN POLICY

It is our policy to provide credit to any customer for an item "Not Suited" to the customer received by our company in the original packaging, unused, and in 100% re-sellable condition within 60 days of invoice date so long as the return authorization issued by GVDirect Inc. personnel accompanies the product.

"Not Suited" goods are subject to a 20% re-stocking fee (unless otherwise agreed upon in writing), which will be deducted from the credit/refund to the customer and must be delivered to GVDirect Inc. via a prepaid method (at the customer's expense).

For all questions, please call 1.877.526.6848

Warranty Outline

- Warranties are against manufacturing defects (excludes normal wear, abuse, or misuse)
- Returned items prepaid via GVDirect Inc. must be packaged in the same manner they were originally delivered in. We will not be responsible for damage as a result of insufficient or improper packaging.
- Shipping damage must be reported within seven days.
- If the customer requests that a new unit be sent out prior to GVDirect Inc. receiving the defective unit, a new invoice will be created and credit will be issued upon receipt of the defective unit and once the claim is deemed to be valid.
- Carrier/method of transportation will be selected by GVDirect Inc.
- Any merchandise returned for repair or replacement needs to be authorized by a GVDirect Inc. representative prior to shipment. Please have the equipment model, serial number, and original invoice or packaging slip number readily available when submitting your request.
- If the customer is requesting that a part be sent out on warranty, GVDirect Inc. may request that the defective parts be returned.
- For non-warranty repairs, a \$97/hour inspection charge will apply. For repairs over \$85 (parts and labour), we will contact you for your authorization prior to repairing the unit.