

Material Safety Data Sheet

Performance OPP Matte 1.0 mil & 1.2 mil

Supplier Identification:

GVDirect™

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SECTION 1: Identification of Substance

Product Name	Performance OPP Matte 1.0 mil & 1.2 mil
Grade	EVA General Matte BOPP Film
General Property	Non-Colored & Transparent Film
Application of the Substance	Book Cover, Paper Bag, Calendar

SECTION 2: Hazards Identification

NFPA Rating	Health	Fire	Reactivity
	1	1	0

Information pertaining to particular dangers for man and environment

The molten product adheres to the skin and causes burns. Spilled material may present a slipping hazard. Possible production of electrostatic charging when used. The working steams can irritate the eyes as well as the respiratory tract.

Classification System This product does not contain any hazardous ingredients in accordance to EEC regulations (1970/2006/EC). According to regulation (EG) No. 1272/2008 (CLP), this product has not be classified as hazardous.

SECTION 3: Composition / Data on Components

Chemical Name	CAS No.	RTECS No.	UN No.	Content (%)
Polypropylene Homopolymer	9003-07-0	-	-	58% under max.
Silica Additive	112926-00-8	-	-	1% under max.
Etheyele-vinyl acetate copolymer	24937-78-8	-	-	40% over min.

- This product does not contain ingredients which are hazardous according to FDA Regulation 21 CFR 177.1520 can 49 DFR 172.101

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SECTION 4: Fire Aid Measures	
General Information	The measures listed below apply to critical situations (Fire, incorrect process conditions).
After Inhalation	In case of excessive inhalation of fumes move the person to fresh air. Call for medical help. Keep person warm, if necessary give mouth to mouth resuscitation, or artificial respiration.
After Skin Contact	After contact with the molten product, cool rapidly with cold water. Do not pull solidified product away from the skin. Seek immediate medical advice.
After Eye Contact	Rinse opened eye for several minutes under running water. Then consult doctor.
After Swallowing	No specific measures have to be taken if the product is swallowed. Get medical advice if necessary.

SECTION 5: Fire Fighting Measures	
Flash Point	Not applicable
Ignition Temperature	> 400°C
Flammable Limits in Air	N/A
Suitable Extinguishing Agents	Water Haze, Foam, Carbon Dioxide, Chemical Powder
	Special hazards caused by the material, its products of combustion or resulting gases: In case of fire it can release: water (H ² O), Carbon Dioxide (CO ²), and when lacking oxygen (O ²), carbon monoxide (CO). The product of the burning are dangerous. The formation of hydrocarbons and aldehydes are possible in the initial stages of a fire (especially in between 400°C and 700°C).
Protective Equipment	Put on breathing apparatus
Additional Information Heat Value	8000 - 11000 kcal/kg

SECTION 6: Accidental Release Measures

Person Related Safety Precautions:

No specific measures are necessary

Measures for Environmental Protection:

No specific measures required.

Measures for Cleaning / Collecting:

Sweep up for recycling and final disposal and keep in dry container. If material enters a sewer or waterway, notify responsible authorities of presence of non-toxic plastic product.

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SECTION 7: Handling & Storage

It is recommended that you comply all compliance to applicable laws and regulations governing proper method and regulation in case of storage.

Safety Dealing Method

Deal with combustible solid.

Storage

Store the product far away from heat (the source of fire) & oxidizer.

SECTION 8: Exposure Controls & Protection

Engineering Measures

Use ventilation to keep to airborne contaminants below the exposure limit.

Respiratory Protection

For most condition no respiratory protection should be need, however, if process generate dust, fume or mist, set up the vent to keep to airborne contaminants below the exposure limit.

Eye Protection

Not Available

Hand & Body Protection

In case of dealing with hot & molten product, specific items such as gloves, boots, apron, or full-body suits should be worn.

Hygienic Notice

Not Available

The exposure standard of workshop

It has not established by OSHA, ACGIH, or NIOSH

SECTION 9: Physical and Chemical Properties

Appearance

Non-Colored & Transparent Film

Oxidization

Not Available

Odor

Sour Smell

Vapor Pressure

Not Available

PH

Not Available

Density

0.90~0.93

Solubility in water

Insoluble

Distribution Coefficient

Not Available

Boiling Point / Boiling Point Range

Not Applicable

Vapour Density

Not Applicable

Melting Point / Melting Point Range

60 ~ 170°C

Viscosity

Not Available

Explosion

Not Applicable

Molecular Weight

> tens of thousands

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SECTION 10: Stability and Reactivity

Thermal Decomposition / conditions to be avoided:

The product is stable at normal handling and storage conditions. Decomposes over 300°C.

Materials to be Avoided

Strong Oxidation Agent

Dangerous Reactions

No dangerous reactions known

Dangerous Products of Decomposition:

No hazardous decomposition products known at room temperature.

SECTION 11: Toxicological Information

Acute Toxicity

Primary Irritant Effect

on the skin: No irritant effect.
on the eye: No irritant effect.

Sensitization

No sensitizing effect known

Additional Toxicological Information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us. Reference has been taken from the toxicological data of a similar product.

SECTION 12: Ecological Information

Ecological & Aquatic Toxicity

Not Available

Agronomical Movement

Not Available

Bio-Degradability

Not Available

Bio-Accumulation

Not Available

SECTION 13: Disposal Consideration

Product Disposal

Sweep up spilled product and place in suitable container for recycle or disposal. Dispose of recovered material according to current regulation

General Comment

It is recommended that all waste be analyze for compliance to applicable laws and regulations governing proper waste disposal method and reporting regulation

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SECTION 14: Regulatory Information

OSHA, WHMIS, EPA Classification : Non Hazardous
SARA Regulation Section 313 (40 CFR part 372) & 29 CFR 1910.1200
This product is not considered hazardous.

SECTION 15: Transport Information

Class & Regulation by Rule of Transportation & Storage of Dangerous Article : Not Applicable
Transport Consideration : Not Applicable
Class & Regulation by other Transport Regulation
D.O.T : Not Applicable
I.M.O : Not Applicable
ARD/RID Hazard Classification : Not Applicable
ARD/RID Item Number : Not Applicable

SECTION 16: Other Information

Information contained in this SDS is taken from the manufacture SDS and is the best information currently available to us.
However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. GVDIRECT™ assumes no responsibility for injury to vendee or third person proximately caused by abnormal use of the product even if reason-able safety procedures are followed.
Furthermore, vendee assumes the risk in his/her use of the product.