

Material Safety Data Sheet

Thermal Lamination Film

Distributor Name:

GVDirect™

1261 Balmoral Road, Cambridge, ON N1T 1C4

Tel: 1.877.526.6848 | Fax: 519.740.3276

According to Regulation (EC) No 1907/2006

SECTION 1: Material Identification

Product Name

Talent Genius Matte, & Talent Genius Matte DigiGrip

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Use of Substance / Mixture

Plastic articles: Paper and bond treatment products

SECTION 2: Hazards Identification

Classification of the Substance or Mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008. Classification according to Regulation (EC) No 1272/2008 [CLP]: not applicable / not relevant Plastic articles

Label Elements

Additional advice on labelling

Labelling according to Regulation (EC) No. 1272/2008 [CLP]: not applicable / not relevant Plastic articles. There is no requirement for the product to be specially labelled according to EC directives or the corresponding national laws.

Other Hazards

No information available.

SECTION 3: Composition/Information on Ingredients

Mixtures

Chemical Characterization

Plastic: Polypropylene, Coatings

SECTION 4: First Aid Measures

Description of First Aid Measures

General Information

When in doubt or if symptoms are observed, get medical advice.

After Inhalation

Provide fresh air. If experiencing respiratory symptoms: Call a doctor.

After Contact with Skin

After contact with molten product, cool skin area rapidly with cold water. Burns caused by molten material must be treated clinically. In case of skin reactions, consult a physician.

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SECTION 4: First Aid Measures - Continued

After Contact with Eyes | Rinse immediately, carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

After Ingestion | Never give anything by mouth to an unconscious person or a person with cramps.

Most Important Symptoms and Effects, Both Acute and Delayed

No Information Available.

Indication Of Any Immediate Medical Attention And Special Treatment Needed

Treat Symptomatically

SECTION 5: Fire-Fighting Measures

Extinguishing Media

Suitable Extinguishing Media | Water spray jet, full water jet, alcohol resistant foam, dry extinguishing powder, Carbon dioxide (CO₂). Co-ordinate fire-fighting measures to the fire surrounding.

Unsuitable Extinguishing Media | None

Special Hazards Arising from the Substance or Mixture

Non-flammable.
In case of fire may be librated: Carbon dioxide (CO₂), Carbon monoxide (CO), Gases/vapours, toxic.

Advice for Fire-Fighters

In case of fire: Wear self-contained breathing appratus.

Additional Information | Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/ mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Avoid dust formation. Do not breathe dust. Use personel protection equipment.

Environmental Precautions

Avoid release to the environment.

Methods & Material for Containment and Cleaning-Up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

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SECTION 6: Accidental Release Measures - Continued

Reference to Other Sections

Safe handling: see section 7
 Personal Protection Equipment: see section 8
 Disposal: see section 13

SECTION 7: Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling | Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Use personal protection equipment.

Advice on Protection Against Fire & Explosion | Use measures for fire prevention.

Conditions for Safe Storage, Including Any Incompatibilities

Requirements for Storage Room & Vessels | No special measures are necessary.

Hint on Joint Storage | Do not store together with: Oxidising agent, Reducing agent.
 Keep away from food, drink and animal feedingstuffs.

Further Information on Storage Conditions | Keep away from heat. Storage Temperature: 10-45°C

Specific End Use(s)

Plastic articles: Paper and board treatment products

SECTION 8: Exposure Controls / Personal Protection

Control Parameters

Additional Advice on Limit Values | To date, no national critical limit values exist.

Exposure Controls

Appropriate Engineering Control | Provide adequate ventilation as well as local exhaust at critical locations.

Protective & Hygiene Measures | Take off contaminated clothing. Draw up and observe skin protection programme. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff. Do not breathe dust.

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SECTION 8: Exposure Controls / Personal Protection - Continued

Eye/Face Protection	Not required.
Hand Protection	<p>Wear suitable gloves.</p> <p>When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.</p>
Skin protection	Wear suitable protective clothing.
Respiratory Protection	In case of inadequate ventilation wear respiratory protection.
Environmental exposure controls	Usually no personal respirative protection necessary.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical & Chemical Properties

Physical State	Solid
Colour	Various
Odour	Odourless
pH Value	Not Applicable

Changes in the Physical State

Melting Point	Not Determined
Initial Boiling Point & Boiling Range	Not Determined
Flash Point	Not Determined

Flammability

Solid	Not Applicable
Gas	Not Applicable
Decomposition Temperature	Not Determined

Auto-Ignition Temperature

Solid	Not Applicable
Gas	Not Applicable
Decomposition Temperature	Not Determined

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SECTION 9: Physical and Chemical Properties - Continued

Explosive Properties

The Product is	Not Explosive
Lower Explosion Limits	Not Determined
Upper Explosion Limits	Not Determined
Ignition Temperature	Not Determined

Oxidizing Properties

The Product is	Not Oxidizing
Vapour Pressure	Not Determined
Density	Not Determined
Water Solubility	Practically Insoluble

Solubility in Other Solvents

	Not Determined
Partition Coefficient	Not Determined
Viscosity/Dynamic	Not Applicable
Viscosity/Kinematic	Not Applicable
Vapour Density	Not Determined
Evaporation Rate	Not Determined

Other Information

Odour Threshold	Not Applicable
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SECTION 10: Stability & Reactivity

Reactivity	No hazardous reaction when handled and stored according to provisions.
Chemical Stability	The product is stable under storage at normal ambient temperatures.
Possibility of Hazardous Reaction	No known hazardous reactions
Conditions to avoid	Keep away from heat
Incompatible Materials	Oxidising agent, Reducing agent.
Hazardous decomposition products	In case of fire may be liberated: Carbon dioxide (CO ₂), Carbon monoxide (CO), Gases/vapours, toxic.

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SECTION 11: Toxicological Information

Information on Toxicological Effects

Acute Toxicity	Based on available data, the classification criteria are not met.
Irritation & Corrosivity	Based on available data, the classification criteria are not met.
Sensitising Effect	Based on available data, the classification criteria are not met.
Carcinogenic/ mutagenic/ toxic effects for reproduction	Based on available data, the classification criteria are not met.
STOT - Single Exposure	Based on available data, the classification criteria are not met.
STOT - Repeated Exposure	Based on available data, the classification criteria are not met.
Aspiration Hazard	Based on available data, the classification criteria are not met.
Additional Information on Test	The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological Information

The Product is	Not Ecotoxic
Persistence & Degradability	The product has not been tested.
Bioaccumulative Potential	The product has not been tested.
Mobility in Soil	The product has not been tested.
Results of PBT & vPvB Assessment	The product has not been tested.
Other Adverse Effects	No information available
Further Information	Avoid release to the environment

SECTION 13: Disposal Considerations

Waste Treatment Methods

Advice on Disposal	Dispose of waste according to applicable legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.
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SECTION 13: Disposal Considerations - Continued

Waste Disposal Number Of Waste From Residues/Unused Products

200139	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); Plastics
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Waste Disposal Number Of Used Product

200139	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); Plastics
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Waste Disposal Number Of Contaminated Packaging

200139	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); Plastics
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Contaminated Packaging	Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.
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SECTION 14: Transport Information

Land Transport (ADR/RID)

UN Number	No dangerous good in sense of this transport regulation.
UN Proper Shipping Name	No dangerous good in sense of this transport regulation.
Transport Hazard Class(es)	No dangerous good in sense of this transport regulation.
Packing Group	No dangerous good in sense of this transport regulation.

Inland Waterways Transport (ADN)

UN Number	No dangerous good in sense of this transport regulation.
UN Proper Shipping Name	No dangerous good in sense of this transport regulation.
Transport Hazard Class(es)	No dangerous good in sense of this transport regulation.
Packing Group	No dangerous good in sense of this transport regulation.

Marine Transport (IMDG)

UN Number	No dangerous good in sense of this transport regulation.
UN Proper Shipping Name	No dangerous good in sense of this transport regulation.

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SECTION 14: Transport Information - Continued

Marine Transport (IMDG) Continues

Transport Hazard Class(es)	No dangerous good in sense of this transport regulation.
Packing Group	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

UN Number	No dangerous good in sense of this transport regulation.
UN Proper Shipping Name	No dangerous good in sense of this transport regulation.
Transport Hazard Class(es)	No dangerous good in sense of this transport regulation.
Packing Group	No dangerous good in sense of this transport regulation.

Environmental Hazards

No Environmental Hazards

Special Precautions for User

No Information Available

Transport in bulk according to Annex II of Marpol and the IBC Code

Not Applicable

SECTION 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulatory Information	Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)
Additional Information	Classification according to Regulation (EC) No 1272/2008 [CLP]: not applicable / not relevant Plastic articles Labelling according to Regulation (EC) No. 1272/2008 [CLP]: not applicable / not relevant Plastic articles There is no requirement for the product to be specially labelled according to EC directives or the corresponding national laws.
National Regulatory Information	Water contaminating class (D) : not water contaminating.

Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

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SECTION 16: Other Information

Abbreviations & Acronyms

CLP: Classification, labelling and Packaging
 REACH: Registration, Evaluation and Authorization of Chemicals
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals UN: United Nations
 CAS: Chemical Abstracts Service
 DNEL: Derived No Effect Level
 DMEL: Derived Minimal Effect Level
 PNEC: Predicted No Effect Concentration
 ATE: Acute toxicity estimate
 LC50: Lethal concentration, 50%
 LD50: Lethal dose, 50%
 LL50: Lethal loading, 50%
 EL50: Effect loading, 50%
 EC50: Effective Concentration 50%
 ErC50: Effective Concentration 50%, growth rate
 NOEC: No Observed Effect Concentration
 BCF: Bio-concentration factor
 PBT: persistent, bioaccumulative, toxic
 vPvB: very persistent, very bioaccumulative
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships IBC: Intermediate Bulk Container
 VOC: Volatile Organic Compounds
 SVHC: Substance of Very High Concern
 For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the manufactures safety data sheet.)