

# Material Safety Data Sheet

## Talent SmartSilk 1.5 mil

**Supplier Identification:**

GVDirect™

1261 Balmoral Road, Cambridge, ON N1T 1C4

Tel: 1.877.526.6848 | Fax: 519.740.3276

**SECTION 1: Identification of Substance**

<b>Product Name</b>	Talent SmartSilk 1.5 mil
<b>Grade</b>	EVA Soft Feel / Velvet Thermal BOPP Film
<b>General Property</b>	EVA Coated Film, Milky White BOPP Film
<b>Application of the Substance</b>	pamphlet, Paper Bag, Paper Box

**SECTION 2: Hazards Identification**

<b>NFPA Rating</b>	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.

<b>Classification System</b>	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.
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**SECTION 3: Composition / Data on Components**

Chemical Name	CAS No.	RTECS No.	UN No.	Content (%)
Polypropylene Homopolymer	9003-07-0	-	-	58% under max.
Acrylic Copolymer				2~10%
Silica	112926-00-8	-	-	1% under max.
Additive				
Ethyle-vinyl acetate copolymer	24937-78-8	-	-	46% 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	
<b>General Information</b>	The measures listed below apply to critical situations (Fire, incorrect process conditions).
<b>After Inhalation</b>	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.
<b>After Skin Contact</b>	After contact with the molten product, cool rapidly with cold water. Do not pull solidified product away from the skin. Seek immediate medical advice.
<b>After Eye Contact</b>	Rinse opened eye for several minutes under running water. Then consult doctor.
<b>After Swallowing</b>	No specific measures have to be taken if the product is swallowed. Get medical advice if necessary.

SECTION 5: Fire Fighting Measures	
<b>Flash Point</b>	Not applicable
<b>Ignition Temperature</b>	> 400°C
<b>Flammable Limits in Air</b>	N/A
<b>Suitable Extinguishing Agents</b>	Water Haze, Foam, Carbon Dioxide, Chemical Powder
<b>Protective Equipment</b>	Put on breathing apparatus
<b>Additional Information Heat Value</b>	8000 - 11000 kcal/kg
	<p><b>Special hazards caused by the material, its products of combustion or resulting gases:</b>            In case of fire it can release: water (H<sup>2</sup>O), Carbon Dioxide (CO<sup>2</sup>), and when lacking oxygen (O<sup>2</sup>), 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).</p>

### 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

## Material Safety Data Sheet

### 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.