

HEALTH CANADA	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS
Not regulated		Not regulated

## SECTION I: IDENTIFICATION

**Use:** Air barrier and waterproofing membrane.

**Distributors:**

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## SECTION II: HAZARD(S) IDENTIFICATION

## EMERGENCY OVERVIEW

Under normal use, this product is not expected to create any health or environmental hazard. The film might accumulate a high electrostatic charge. The discharge in presence of flammable dust or solvent vapours may cause an explosion.

## SECTION III: COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS

NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
Polypropylene membrane/film	9003-07-0	30-60	Not established	Not established
Acrylic adhesive	Undisclosed	30-60	Not established	Not established
Siliconed PET film	25038-59-9	7-13	Not established	Not established

*Effects of short term (acute) exposure***SKIN CONTACT**

The product can cause a mechanical irritation after repetitive contact with the skin. The product may stain and stick to the skin. Melted product causes thermal burns.

**EYE CONTACT**

The product is not likely to cause effects to the eyes. Melted product causes thermal burns.

**INHALATION**

The product is not likely to cause effects to the respiratory system. The combustion fumes are irritating.

**INGESTION**

Exposure is not likely to occur by this route of entry under normal use of the product.

*Effects of long term (chronic) exposure*

No information available.

## SECTION IV: FIRST-AID MEASURES

**SKIN CONTACT**

If there is presence of dust or stains on the skin, wash gently with water and soap. In the event of contact with the product melted, do not try to remove it from the affected area. Rinse in cold water. Obtain immediate medical attention.

**EYE CONTACT**

Flush eyes with water for at least 15 minutes while holding eyelids open. Do not attempt to remove material from affected area without medical assistance. Obtain immediate medical attention.

**INHALATION**

Remove victim from the fumes contaminated place and restore breathing if required. Obtain immediate medical attention.

**INGESTION**

The ingestion of this product is not very likely to occur.

## SECTION V: FIRE-FIGHTING MEASURES

**FLAMMABILITY:** Not applicable  
**EXPLOSION DATA:** Not applicable  
**FLASH POINT:** Not applicable  
**AUTO-IGNITION TEMPERATURE:** Not applicable  
**FLAMMABILITY LIMITS IN AIR: (% in volume)** Not applicable

**FIRE AND EXPLOSION HAZARDS**

Low risk. The product can burn if in contact with a flame or at a very high temperature.

**COMBUSTION PRODUCTS**

Burning of this material will produce thick black smoke. Irritating and/or toxic gases may be generated by thermal decomposition or combustion. Do not breathe fumes.

**FIRE FIGHTING INSTRUCTIONS**

Evacuate the area. Wear self-contained breathing apparatus and appropriate protective clothing that are in accordance with standards. Approach fire from upwind and fight it from maximum distance or use unmanned hose holders or monitor nozzles. Move the rolls of membrane from fire area if it can be done without risk. Cool the rolls of membrane with flooding quantities of water until well after fire is out.

**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, sand, and chemical powder.

## SECTION VI: ACCIDENTAL RELEASE MEASURES

**RELEASE OR SPILL**

If hot material is spilled, allow enough time to cool completely and place it in a container for disposal. Wear appropriate breathing apparatus (if applicable) and protective clothing. Notify appropriate environmental agencies. Wash spill area with soap and water. Dispose of the material according to local environmental regulations.

## SECTION VII: HANDLING AND STORAGE

### HANDLING

Avoid contact with skin, eyes and clothes. Do not ingest. Wash hands after manipulation. Risk of electrostatic discharge during unwinding of the product.

### STORAGE

The best temperature and humidity conditions are respectively  $20 \pm 5^\circ\text{C}$  et  $50 \pm 15\%$ . Keep away from heat and sunlight. The ideal application temperature is between  $15^\circ\text{C}$  and  $25^\circ\text{C}$ .

## SECTION VIII: EXPOSURE CONTROLS AND PERSONAL PROTECTION

**HANDS:** Wear resistant gloves.

**RESPIRATORY:** No specific protection required.

**EYES:** Wear safety goggles that are in accordance with standards.

**BODY:** Wear adequate protective clothes.

**OTHERS:** Eye bath and safety shower.

## SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE:</b>	Solid
<b>ODOUR AND APPEARANCE:</b>	Membrane with plastic odour
<b>ODOUR THRESHOLD:</b>	Not available
<b>VAPOUR PRESSURE (20°C):</b>	Not applicable
<b>VAPOUR DENSITY (air = 1):</b>	Not applicable
<b>EVAPORATION RATE (Butyl acetate = 1):</b>	Not applicable
<b>BOILING POINT (760 mm Hg):</b>	Not applicable
<b>FREEZING POINT:</b>	Not applicable
<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b>	Not available
<b>SOLUBILITY IN WATER (20°C):</b>	None
<b>VOLATIL ORGANIC COMPOUND CONTENT (V.O.C.):</b>	Not measurable (0 g/L)
<b>VISCOSITY:</b>	Not applicable

## SECTION X: STABILITY AND REACTIVITY

**STABILITY:** This material is stable. The characteristics of the product might be affected if exposed to heat or freezing temperatures.

**CONDITIONS OF REACTIVITY:** Avoid excessive heat.

**INCOMPATIBILITY:** Avoid strong acids and strong alkalis as well as oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** carbon monoxide and carbon dioxide are release during combustion.

**HAZARDOUS POLYMERISATION:** None

## SECTION XI: TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL DATA

*No information is available.*

## SECTION XII: ECOLOGICAL INFORMATION

### ENVIRONMENTAL EFFECTS

May cause long term adverse effects to the aquatic environment.

### BIODEGRADABILITY

This product is not biodegradable. Do not dispose in aquatic environments.

## SECTION XIII: DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL

This product is not a hazardous waste. Consult local, provincial, territory or state authorities to know disposal methods. This material is not listed by the EPA as hazardous waste according to the *Resource Conservation and Recovery Act* (RCRA) of the United States. No EPA waste numbers are applicable for this product.

## SECTION XIV: TRANSPORT INFORMATION

This product is not regulated by the Department of Transportation (DOT) and Transportation Dangerous Goods (TDG).

## SECTION XV: REGULATORY INFORMATION

**DSL:** All constituents of this product are included in the Domestic Substances List (DSL) of Canada.

**TSCA:** All constituents of this product are listed on the Toxic Substances Control Act Inventory (TSCA) of the United States.

**Prop. 65 :** This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

## SECTION XVI: OTHER INFORMATION

### GLOSSARY

<b>ASTM:</b>	American Society for Testing and Materials (United States)
<b>CAS:</b>	Chemical Abstract Services
<b>CSA:</b>	Canadian Standardization Association
<b>DOT:</b>	Department of Transportation (United States)
<b>EPA:</b>	Environmental Protection Agency (United States)
<b>GHS</b>	Globally Harmonized System
<b>LD<sub>50</sub>/LC<sub>50</sub>:</b>	Less high lethal dose and lethal concentration published
<b>NIOSH:</b>	National Institute for Occupational Safety and Health (United States)
<b>RCRA:</b>	Resource Conservation and Recovery Act (United States)
<b>TDG:</b>	Transportation of Dangerous Goods (Canada)
<b>TLV-TWA:</b>	Threshold Limit Value – Time-Weighted Average

### References:

Safety Data Sheet from the supplier

**Code of SDS:** CA U DRU SS FS 206

The Safety Data Sheets of RESISTO are available on Internet at the following site: [www.resisto.ca](http://www.resisto.ca).

### Update justification:

- New product.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.