

SAFETY DATA SHEET

All Cooley Weathertyte Canopy
Products

SECTION 1: PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT ID	All Cooley Weathertyte Canopy Products This MSDS sheet applies to all Cooley coated fabrics produced. Please refer to specification sheet regarding individual performance specs for each type of fabric offered by Cooley Inc. Please contact Cooley Inc for more specific information regarding the fabric you have.
PRODUCT DESCRIPTION	Flexible PVC Coated Fabrics PVC plastisol coated on polyester or nylon base fabric.
MANUFACTURER'S NAME	Cooley Inc.
MANUFACTURER'S ADDRESS	350 Esten Avenue Pawtucket, RI, 02860
EMERGENCY PHONE NUMBER	Cooley Inc: (401) 724-9000

SECTION 2: HAZARDS IDENTIFICATION

- ♣ Cooley Weathertyte Canopy fabrics are not hazardous when used by their intended applications.
- ♣ Cooley Weathertyte Canopy fabrics are made with a plasticized PVC compound (which includes plasticizers, PVC resin, additives and pigments) coated on to a polyester or nylon base fabric.
- ♣ The composition of Cooley Weathertyte Canopy fabrics is proprietary information. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

SECTION 3: COMPOSITION INFORMATION

Cooley Weathertyte Canopy coated fabrics compounds are formulated with several chemicals. The primary ingredients are plasticizers and homopolymer PVC resin. A listing of chemicals identified from the multitude of existing regulatory laws would be impractical in this format. Included in the table below are chemicals identified and common in many regulatory databases:

Chemical Name	CAS Number	WT/WT % <= Than
Antimony Trioxide*	1309-64-4	<=8.0%
N-Butyl Acetate	123-86-4	<=2.1%
TDI Homopolymer	9107-01-0	<=1.8%
TDI	26471-62-5	<=0.015%
Zinc & Zinc Compounds	Blend	<=1.0%
N-Methyl-2-Pyrrolidone**	872-50-4	<=1.5%

*For flame retardant fabrics only.

** For PUD (SN-Series Fabrics) top coated fabrics only

If detailed formulation is required, please contact Cooley Inc.

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SECTION 4: FIRST AID MEASURES

When the fabric is used in its intended application, there are no known risks or dangers.

Use the following precautions:

- ♣ **Inhalation:** If subjected to smoke inhalation during the burning or incineration of the fabric, remove to fresh air. Assist breathing if necessary. Consult a physician. If coated fabrics are used in indoor applications, the odor from a new fabric may be irritating to some especially if the room does not contain proper ventilation. Remove subject to fresh air if this applies. The odor emitted from fabric will subside over time.
- ♣ **Ingestion:** Not possible to ingest the fabric. In the unlikely event that this occurs, consult physician.
- ♣ **Skin Contact:** As a precautionary measure, wash skin and clothing after prolonged contact with fabric.
- ♣ **Eye Contact:** In the unlikely event of eye contact to fabric, rinse eyes with cold water for 10 minutes. Consult eye doctor.

SECTION 5: FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY	Material does not ignite readily.
FLASHPOINT	N/A
UPPER AND LOWER EXPLOSION LIMIT	None
AUTO-IGNITION TEMPERATURE (°C)	>500 C
EXTINGUISHING MEDIA	Use water spray, dry chemical, all-purpose foam or carbon dioxide to extinguish fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Not applicable and no measures are required.

SECTION 7: HANDLING AND STORAGE

- ♣ **Handling:** Use appropriate equipment to transport rolls. Fabric rolls are very heavy and bodily injury may result if moved using manual labor.
- ♣ **Storage:** No special conditions are required but it is recommended that unused fabric rolls be stored indoors at room temperature.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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- ♣ **Respiratory Protection:** During the joining of fabric (by welding, sewing or gluing), please use appropriate respiratory protection with filter against organic vapors or nuisance particles.
- ♣ **Eye Protection:** Please wear safety goggles during welding, gluing or sewing operation of the fabric.
- ♣ **Skin Protection:** Wear appropriate gloves or clothing to protect skin when joining fabric together. Protection is against heat and chemicals (specifically bonding agents) used during joining operations.
- ♣ **Ventilation:** Use appropriate ventilation to remove vapor/chemical fumes during welding operation. In addition, use appropriate ventilation if using fabric for indoor applications.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Solid in various colors.
ODOR AND APPEARANCE	Slight characteristic odor. Vinyl coated fabric.
SPECIFIC GRAVITY	N/A
SOLUBILITY IN WATER	Insoluble
FREEZING POINT	N/A
MELTING POINT	Between 160 – 260 C

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable
INCOMPATIBILITY:	Contact with solvents and fuels will result in plasticizer extraction from fabric and eventual failure in performance of the fabric.
CONDITIONS TO AVOID:	<ul style="list-style-type: none">♣ Long term exposure to severe heat.♣ Exposure to solvents, hydrocarbon fuels.
HAZARDOUS DECOMPOSITION PRODUCTS:	N/A
REACTIVITY CONDITIONS:	N/A

SECTION 11: TOXICOLOGICAL INFORMATION

This material is not toxic when it is used in the original shape and form.

However, the following conditions should be noted:

- ♣ If the product is burned or openly incinerated, serious hazardous emission will result. Firefighters should use self containing breathing apparatus and wear protective clothing against possible emissions listed in table below:

HAZARDOUS COMBUSTION PRODUCTS.	Oxides of Antimony, Hydrogen Chloride, Oxides of Nitrogen, HCN, TDI Vapors & Mist, CO,
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(In the assumption product is being burned or incinerated)	CO ₂ , Dioxins.
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- ♣ When coated fabrics are welded together, vapors from the liquid chemical components of the PVC compound will be emitted. These vapors may be irritating to eyes and respiratory tract. Use appropriate respiratory and eye protection against organic vapors during welding operation.
- ♣ If the product is openly sanded or abraded, nuisance particles may result. Use appropriate respiratory and eye protection against nuisance particles.
- ♣ Coated fabrics are safe to touch. As a precautionary measure, washing skin and clothes is always recommended after contact with fabric.

SECTION 12: ECOLOGICAL INFORMATION

There is no ecological information at this time.

SECTION 13: DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state/provincial, and federal laws and regulations. Contact your local state/province for specific rules.

Do not dump into sewers or any body of water.

SECTION 14: TRANSPORT INFORMATION

SECTION 15: REGULATORY INFORMATION

Cooley Inc. fabrics may contain some or all of the chemicals listed in the table of Section 3. The chemicals and their respective amounts are average representations. The chemical and amounts will vary by fabric style and color. For more specific detail, please contact Cooley Inc.

For a detailed or specific identification of chemicals that would apply to your province/state/country, please contact Cooley Inc. Specify the regulatory or act name along with information where to find the chemical list/database. CooleyInc. will cross reference this database with its own internal database. From this referencing, Cooley Inc. will provide an MSDS with customized regulatory statements applicable to your area of use.

As an example, the following cross reference analysis applies to the state of California:
Cooley Inc. fabrics may contain the following chemicals known to the State of California under Proposition 65:

Chemical Name	Type of Toxicity as listed in Proposition 65
Antimony Trioxide	Cancer
TDI Homopolymer	Cancer
TDI	Cancer

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N-Methyl-2-Pyrrolidone	Developmental Male
Di(2-ethylhexyl)phthalate	Developmental Male, Cancer

Please contact Naizil Inc. for specific details on the chemistry utilized to produce the fabric purchased and used by your company.

SECTION 16: OTHER INFORMATION

PREPARED BY:	Cooley Inc
PHONE NUMBER OF PREPARER:	(401) 724 9000
ORIGINAL ISSUE DATE:	November 23, 1998
SDS REVISION DATE:	March 16, 2020

DISCLAIMER

The data contained herein is believed to be accurate, reliable and to the best of our knowledge. However, no expressed implied warranty is made with regard to the accuracy of such data or its suitability for a given situation. Such data relates only to the specific product described and not to such products in combination with any other product. We disclaim all liability for any action taken or foregone on reliance upon such data. Users should make their own investigations to determine the suitability of the information for their particular purposes.