

SDS Review Date: 10-19-2017

Version Number: 1

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY

Product Form: *Polymeric fabric*
Product Name: *Weathertyte Plus Lite*

1.2. Relevant identified uses of the substance or mixture and uses advised against

Awning use only

1.3. Details of the supplier of the safety data sheet

*Cooley Group, Inc.
50 Esten Avenue
Pawtucket, RI 02860
www.cooleylgroup.com*

1.4. Emergency telephone number

*Emergency Information number: 401-724-9000
Product Information number: 401-724-9000*

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

This product meets the definition of an "article" and is excluded from UN GHS and OSHA HCS (29 CFR 1910.1200) requirements in accordance with 29cfr1910.1200(b)(6)(v).

GHS-US classification

Not Applicable

2.2. Label elements

GHS-US labelling

Not Applicable

2.3. Other hazards

None known

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixture

Component	CAS No. EC No.	CAS No. EC No.	Percent
Antimony Trioxide	1309-64-4	215-175-0	< 1.0
Carbon Black	1333-86-4	215-609-9	8.0 – 12.0
Calcium Carbonate	471-34-1	207-439-9	1.0 – 2.0
Di-octyl Terephthalate	6422-86-2	229-176-9	4.0 – 6.0
Polymer additive	447451-00-5	Not Available	1.0 – 2.0
Polyvinylchloride	9002-86-2	206-625-7	30 - 50
Polyester	113669-97-9	607-507-1	20 - 30

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general: No hazards which requiring special first aid measures.

Inhalation: None expected under normal use conditions

Skin: None expected under normal use conditions. If skin irritation occurs, wash with soap & water.

Eye: None expected under normal use conditions

Ingestion: None expected under normal use conditions.

4.2. Most important symptoms and effects, both acute and delayed

No specific information reported

4.3. Indication of any immediate medical attention and special treatment needed

None

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Water, dry chemical, or carbon dioxide.

Unsuitable extinguishing media: None

5.2. Special hazards arising from the substance or mixture

Thermal decomposition may produce carbon monoxide, carbon dioxide, ammonia, nitrogen oxides, hydrocarbons, hydrogen cyanide, hydrogen chloride, phosgene, smoke, soot, and other oxidation products depending on specific conditions.

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions: *No special precautions expected to be necessary if material is used under ordinary conditions and as recommended*

Emergency Procedures: *No emergency procedures are expected to be necessary if material is used under ordinary use conditions as recommended. Use normal clean up procedures.*

6.2 Environmental precautions:

Prevent fabric from entering storm drains or waterways.

6.3. Methods and material for containment and cleaning up

Collect spilled material in suitable container for disposal or reuse.

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid generating dust when cutting, sewing or handling.

Use good safety and industrial hygiene practices.

Wear steel toed shoes when handling heavy rolls of material.

Do not eat, drink, smoke or chew tobacco around material.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: *Store under cool and dry conditions.*

Incompatible products: *Strong acids, strong bases, strong oxidizers, bleach*

Incompatible materials: *Open flames and hot surfaces or equipment*

7.3. Specific end use(s)

Awnings

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters – Air Contaminants

Chemical Name	ACGIH & Canada	OSHA & Mexico
Antimony Compounds (as Sb)	<i>0.5 mg/m³ – TWA total</i>	<i>0.5 mg/m³ – TWA total</i>
Carbon Black	<i>3.5 mg/m³ – TWA total</i>	<i>3.5 mg/m³ – TWA total</i>
Polyvinylchloride	<i>1 mg/m³ – TWA total Respirable fraction</i>	<i>5 mg/m³ – TWA total Respirable fraction</i>

8.2. Exposure controls

Provide general or local exhaust ventilation to maintain a suitable workplace environment.

8.3. Personal protective equipment

Protective measures	<i>No specific personal protection equipment is required for handling this product, but OSHA would, however, require the use of protective footwear if handling heavy rolls of product.</i>
Respiratory protection	<i>None required under normal use.</i>
Hand protection	<i>General work gloves recommended if needed.</i>
Eye protection	<i>Use safety glasses in manufacturing areas.</i>

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	<i>Multiple colors</i>
Odor	<i>None</i>
pH	<i>Not Applicable</i>
Melting / Freezing Point	<i>Not Applicable</i>
Boiling Point	<i>Not Applicable</i>
Flash Point	<i>Not Applicable</i>
Evaporation rate	<i>Not Applicable</i>
Flammability (solid, gas)	<i>Not applicable</i>
Lower Explosion Limit	<i>Not applicable</i>
Upper Explosion Limit	<i>Not applicable</i>
Vapor Pressure	<i>Not Applicable</i>
Vapor Density	<i>Not Applicable</i>
Density Relative	<i>0.79</i>
Mass/Area	<i>11 oz. per sq. ft.</i>
Solubility	<i>Insoluble in water</i>
Partition coefficient (o/w)	<i>No data</i>
Ignition Temp.	<i>No data</i>
Auto Ignition Temp.	<i>Not data</i>
Decomposition Temp.	<i>No data</i>
Oxidizing properties:	<i>Not applicable</i>
Explosive properties:	<i>Not applicable</i>

9.2. Other information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** *Hazardous polymerization will not occur.*
- 10.2. Chemical stability:** **Stable under normal conditions.**
- 10.3. Possibility of hazardous reactions:** *Not applicable*
- 10.4. Conditions to avoid:** *None.*
- 10.5. Incompatible materials:** *Strong acids, strong bases, strong oxidizers.*
- 10.6. Hazardous decomposition products:** *See Section 5.3*

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

Toxicokinetics, Metabolism and Distribution *No data*

Caustic Burning/Irritation of Skin

Calcium Carbonate, (unbound) *Irritating*

Serious Eye Damage/Eye Irritation

Calcium Carbonate (unbound) *Irritating*

Acute Oral Toxicity

Calcium Carbonate *LD50 Rat 6450 mg/kg*

Carbon Black *LD50 Rat > 15400 mg/kg*

Carbon Black *LD50 Rat oral > 8000 mg/kg*

Antimony Trioxide *LD50 Rat oral > 34,600 mg/kg*

Acute Inhalational Toxicity *None*

Acute Dermal Toxicity

Carbon Black *LD50 Rabbit Dermal > 3000 mg/kg*

Respiratory/Skin Sensitization *No information available*

Mutagenicity Assessment

Carbon Black *No data in which a positive result has been clearly shown in an "in vitro" mutagenicity test.*

Carcinogenicity

Antimony Trioxide
Carbon Black

*IARC 2B, Inadequate evidence in humans for the carcinogenicity but sufficient evidence in experimental animals. **NOTE:** IARC has stated that exposure does not occur during the use of products in which carbon black is bound to other materials, such as rubber, printing ink, or paint.*

Reprotoxicity/Teratogenicity

No information available

CMR Assessment

No data

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Carbon Black *LC50 (96 hrs, Zebra Fish): >1000 mg/l*
 EC50 (24 hrs, Daphnia magna): >5600 mg/l
 EC50 (72 hrs, Green Alga): >10000 mg/l
 Antimony Trioxide *LC50 (96 hrs, Bluegill Sunfish): >530 mg/L*

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

No information available

12.5. Other adverse effects

No information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product is not an EPA hazardous waste according to 40 cfr 261. Dispose of waste in accordance with local, state, and national regulations.

SECTION 14: TRANSPORTATION INFORMATION

US DOT Hazard Classification: Not regulated
Canadian TDG Classification: *Not regulated*
Air transport ICAO/IATA: *Not regulated*
Shipment by sea IMDG/GGVSee: *Not regulated*

SECTION 15: REGULATORY INFORMATION**15.1. US regulations**

CERCLA (EPA) See Section 6 above.

SARA TITLE III (EPA): Product contains the following chemicals listed as Toxic Chemicals subject to SARA Title III §313 and 40 CFR Part 372 requirements.
Antimony Trioxide at 0.7%

SARA Title III §§311/312 and 40 CFR 370 Tier II & MSDS reporting is required if 10,000 lbs. or more is present on-site at any one time.

Not subject to SARA Title III §302(c) and 40 CFR 355 Threshold Planning Quantity (TPQ) requirements.

TSCA (EPA) Product complies with US TSCA inventory requirements.

Clean Air Act (EPA): Product contains the following chemicals listed as a Hazardous Air Pollutant (HAP) under Section 112:
None
Product contains the following chemicals listed as Risk Management (RMP) chemicals under Section 112r:
None

15.2. International regulations**Canada**

Canadian DSL (Domestic Substances List) Inventory – All chemical ingredients of this product are listed or exempted.

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP] - ANNEX VI
Antimony trioxide

15.3. US State regulations**CALIFORNIA
PROP 65**

Warning: The following chemical(s) are listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.
Antimony oxide (Antimony trioxide)

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information and recommendations are taken from sources believed to be accurate. Cooley Group, Inc. makes no warranty with respect of the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.