

AIRTECH

ADVANCED MATERIALS GROUP

MATERIAL SAFETY DATA SHEET

Wrightlease 5900, 5900 CTOS, 5900 CTBS
 - Issue Date: August 1, 2013

SECTION I - PRODUCT IDENTIFICATION

Trade Name: **Wrightlease 5900, 5900CTOS, 5900CTBS**
 Product Class:
 Supplier: **Airtech International, Inc.**
 5700 Skylab Road
 Huntington Beach, CA 92647
 Telephone: 714-899-8100
 Fax: 714-899-8179

Emergency Telephone: **800-424-9300**

CERCLA Ratings: (scale 0-3)	Health=	Fire=	Reactivity=
NFPA Ratings: (scale 0-4)	Health=	Fire=	Reactivity=
Formula:	Proprietary	CAS #:	

SECTION II - HAZARDOUS INGREDIENTS

Polytetrafluorethylene resin made into a solid inert film not considered a hazardous material.

SECTION III - PHYSICAL DATA

Description: White odorless Film
 Boiling point: N/A
 Vapor pressure (mm Hg.): N/A
 Vapor density (Air=1): N/A
 Specific gravity (H2O=1): 2.2
 Solubility in water: Insoluble
 Percent Volatile By Volume (%): N/A
 Evaporation Rate (____=1): N/A

SECTION IV - FIRE AND EXPLOSION DATA

Fire Limits: See below
 Flash point: N/A
Extinguishing Media:
 H2O or CO2, dry chemical extinguisher as appropriate to the ignition source of the fire

SECTION V - HEALTH HAZARD DATA

Fire Fighting Instructions:
 In a fire situation, product resists ignition and does not promote flame spread. Decomposition products will burn above about 690°C (1274°F), but combustion is not self-sustaining in the absence of an external fuel source. In an intense fire, employ protection from hydrogen fluoride and other combustion fumes. Contribution to both heat and smoke in a fire situation is extremely low. Will burn in an atmosphere >95% oxygen when an ignition source is present.

Toxicity:
 When thermally decomposed, may cause polymer fume fever and flu-like symptoms.

Emergency and First Aid Procedure:
In case of inhalation:
 Move to fresh air. Refer to physician for treatment.

SECTION VI - REACTIVITY DATA

Stability: Stable
Decomposition: Hydrogen fluoride and COF2
Polymerization: Will not occur
Conditions to Avoid: Temperatures over 250°C

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken in case material is released or spilled:
 N/A
Waste Disposal Method:
 Landfill - comply with State and local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: N/A
Respiratory Protection: N/A
Clothing: N/A
Gloves: Yes, if film is hot.
Eye Protection: Safety glasses recommended.

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SECTION IX – SPECIAL PRECAUTIONS

No unusual precautions.
Avoid smoking tobacco when handling film.

USER'S RESPONSIBILITY

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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CORPORATE HEADQUARTERS
5700 Skylab Road
Huntington Beach, CA 92647

Data Sheet

WRIGHTLON® 5900

Ultra high temperature release film

DESCRIPTION

WL5900 is a high temperature release film which can take temperature up to 650 °F (343 °C). This film has a good elongation and it is particularly suited for cures with BMI resins. All standard perforations are available. Please see our perforation table in this section.

TECHNICAL DATA

		Test method
Material type	Fluoropolymer	
Elongation at break	225 %	ASTM D 882
Tensile strength	4000 psi (27 MPa)	ASTM D 882
Maximum use temperature	650 °F (343 °C)	
Materials to avoid	Compatible with most resin systems	
Yield	18.4 m ² /Kg/25.4 µm	
Color	White	
Shelf life	Unlimited	

SIZES

Thickness	Width	Length	Weight / roll	Forms available*
0.001 inch (25 µm)	48 inches (1.22 m)	585 feet (178 m)	26 lbs (12 Kg)	SHT
0.002 inch (50 µm)	48 inches (1.22 m)	292 feet (89 m)	26 lbs (12 Kg)	SHT

NOTES

- > Elongation at break and tensile strength are measured in machine direction.
- > Maximum use temperature is dependent upon the duration at maximum temperature and is process specific. Airtech recommends testing prior to use.
- > Other sizes available upon request. Minimum order may be required.
- > Custom designed shapes and sizes are available to fit your individual requirements. Please consult Airtech for further information.

* SHT = sheeting, CF = centerfold, LFT = lay-flat tubing, LFT-G = lay-flat tubing gusseted.

Last updated : 2014-03-11

Catalog position : Release films