

SECTION I - PRODUCT IDENTIFICATION

Trade Name: **Wrightlon[®] 5200**
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**

CERLA Ratings: Health = 2 Flammability = 1 Reactivity = 0
(scale 0-3)
NFPA Ratings: Health = 2 Flammability = 1 Reactivity = 0
(scale 0-4)

SECTION II - HAZARDOUS INGREDIENTS**Tetrafluoroethylene-Ethylene Copolymer**

CAS #:	68258-85-5	Percent by weight:	98-100
OSHA TLV-PEL:	Not established		
ACGIH TLV-TWA:	Not established		

5200 Blue

Phtalocyanine Blue	Percent by weight:	.03
Titanium Dioxide		.06

5200 Red

Cadmium Sulfo Selenide (CDs/CdSe)	Percent by weight:	.13
Copper chromite Black Spinel		<.01

SECTION III - PHYSICAL DATA

Description: Blue or Red film - odorless
Melting point: 250-270°C
Boiling point: Not applicable
Specific gravity: 1.60- 1.90
Vapor pressure: Not applicable
Vapor density: Not applicable
Evaporation rate: Not applicable
Solubility in water: Insoluble

SECTION IV - FIRE AND EXPLOSION DATA

Flash point: Does not flash **Method Used:** Open Cup
Extinguishing media: Water, foam, dry chemical, CO₂

Special Fire Fighting Procedures:

Does not burn without an external source of fuel. In a fire situation, employ protection against hydrogen fluoride.

Unusual Fire and Explosion Hazards:

Will burn only in an oxygen-enriched atmosphere with an ignition source present

SECTION V - HEALTH HAZARD DATA

Routes of Entry: Skin and eyes

Carcinogenicity: No

Emergency and First Aid Procedure:**In case of Inhalation:**

Film is not respirable. Vapors and fumes that may be produced when thermally decomposed may cause polymer fume fever, with cold and flu-like symptoms of chills and fever. **First Aid:** If exposed to fumes from overheating or decomposition, move to fresh air. Consult physician.

In case of Skin Contact:

Non-toxic **First Aid:** If hot polymer gets on skin, cool rapidly with cold water. Do not attempt to peel from skin. Seek medical treatment.

In case of Ingestion:

Non-toxic. Not a likely route of exposure. **First Aid:** No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Consult a physician if necessary.

In case of Eye Contact:

Non-toxic. Not a likely route of exposure. **First Aid:** Mechanical abrasion the likely injury route. Flush with water and consult a physician if necessary.

SECTION VI - REACTIVITY DATA

Stability: Stable
Incompatibilities: Molten alkali metals and interhalogen compounds.
Decomposition: Decomposes with heat. Decomposition temperature 270°C.
Hazardous gases/vapor produced are hydrogen fluoride and perfluoro-olefins.
Polymerization: Will not occur.

SECTION VII - SPILL, LEAK, DISPOSAL PROCEDURE

Steps to be taken in case material is released or spilled:

Review Fire and Explosion Hazard Data, Emergency First Aid Procedures and Control Measures before proceeding with clean up. Use appropriate Control Measures during clean up. Pick up to avoid slipping hazard.

Waste Disposal Method:

Landfill preferred disposal method. If incinerated, gaseous products must be removed by alkaline scrubbing. Disposal methods must conform to federal, state/province, and local regulations.

TSCA Section 8(b) - Inventory Status - Chemical components listed on TSCA Inventory.

SECTION VIII – CONTROL MEASURES

Ventilation:

Provide local exhaust during processing.

Respiratory Protection:

None required under normal processing conditions.

Eye/Skin Protection:

Safety glasses

Other Precautions:

Avoid contamination of tobacco products. Above 230°C toxic gaseous products can be produced. Provide good ventilation or respirator if there is a probability of exceeding the 230°C.

SECTION IX – SPECIAL PRECAUTIONS

Precautions to Be Taken in Handling and Storing: Avoid contamination. Keep containers closed.

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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