

EU SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

WRIGHTLON® 4500 CLEAR & WHITE**1 - IDENTIFICATION OF THE PREPARATION AND THE COMPANY/BUSINESS****Identification of the substance or preparation**Name of product: **WRIGHTLON® 4500 Clear and White****Use of the substance / preparation**

Article: Release Film

Company / undertaking identification

Company name: AIRTECH EUROPE Sarl

Street/POB No.: Z.I. Haneboesch

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2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: At elevated processing temperatures or if involved in a fire, the fluoropolymer starts to degrade and emit vapors which may represent a hazard when inhaled. Eye, nose, throat and lung irritation can occur from such vapors.

3 – COMPOSITION/INFORMATION ON INGREDIENTS**Composition**

Chemical name	CAS #	EC #	Content (%)	Risk phrases
Polyvinyl fluoride polymer	24981-14-4	Polymer	> 65	N/A
N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	< 1	Repr. Cat. 2; R61 Xn; R20/21

Additional information: This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH:

N,N-dimethylacetamide (DMAC)

4 - FIRST AID MEASURES

Inhalation: In case of accidental inhalation of fumes from overheating or combustion, move to fresh air. Consult a physician after significant exposure.

Skin contact: If molten polymer contacts skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical attention for thermal burn.

Eye contact: Flush eyes with water for at least 15 minutes. Seek medical advice.

Ingestion: No need for first aid is anticipated.

5 - FIRE-FIGHTING MEASURES

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

Extinguishing media which must not be used for safety reasons: High power water jet.

Unusual fire and explosion hazards: The solid polymer can only be burned with difficulty.

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Special protective equipment: In the event of fire, wear an approved positive pressure self-contained breathing apparatus and full protective clothing. Wear neoprene gloves when handling refuse from a fire.

6 - MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL SPILLAGE

Environmental precautions: Do not allow to enter ground water, sewage or drains.

Methods for clean-up: Collect and store into containers for disposal.

7 - HANDLING AND STORAGE

Handling: Good industrial practice for handling of chemical products should be followed. Provide adequate ventilation, and local exhaust as needed.

Storage: Store in a cool, dry area, away from direct sunlight, at 20-25°C and 50-55% relative humidity. Keep original packaging tightly closed until use to prevent moisture absorption and contamination.

8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure controls: Ensure adequate ventilation, especially in confined areas.

Occupational exposure controls:

- | | |
|-------------------------|---|
| Respiratory protection: | None under normal usage if local exhaust ventilation is adequate. In the case of hazardous fumes, wear a self contained breathing apparatus. |
| Hand protection: | Protective gloves according to EN 407 are required when handling hot material.
Glove material: nitrile rubber |
| Eye protection: | Use tightly sealed safety glasses according to EN 166. |
| Hygiene measures: | Wash hands before handling food and at the end of work. Smokers should avoid contamination of tobacco products, and should wash their hands before smoking. |

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear or white film
Odor:	Alcoholic
pH:	Not applicable
Vapor pressure:	Not applicable
Solubility in water:	Insoluble.
Flash point:	No data available
Decomposition temperature:	> 204 °C
Specific gravity:	1.38

10 - STABILITY AND REACTIVITY

Conditions to avoid: To avoid thermal decomposition, do not overheat. Hazardous decomposition products may be produced when the recommended processing temperatures are exceeded.

Materials to avoid: None known

Hazardous decomposition products: Toxic vapors, gases or particulates, fluorinated olefins, hydrogen fluoride, and other toxic fluorinated compounds.

Additional information: The product is stable at the handling and storage conditions recommended per § 7 of the safety data sheet and under normal processing conditions.

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11 - TOXICOLOGICAL INFORMATION

Acute inhalation toxicity: The thermal decomposition vapours of fluorinated polymers may cause polymer fume fever with flu-like symptoms in humans with fever, chills and sometimes cough increased heart rate, nausea and headache. Smokers should avoid contamination of tobacco products, and should wash their hands before smoking.

12 - ECOLOGICAL INFORMATION

Ecotoxicity: Aquatic toxicity is expected to be low based on insolubility in water.

Persistence and degradability: Product is not biodegradable.

Additional ecological information: Do not allow to enter ground water, sewage or drains.

13 - DISPOSAL CONSIDERATIONS

Disposal recommendations: Like most thermoplastics, the product can be recycled. Where possible, recycling is preferred to landfill or incineration. Disposal of the product and the packaging must be done in compliance with local, state and federal regulations. Incineration must be done using a scrubber to remove hydrogen fluoride and other fluorinated combustion products, if in compliance with local regulations.

European waste key numbers: 070213 = Plastic waste

Contaminated packaging: Waste key number 150101 – Paper and cardboard packaging.
Waste key number 150102 – Plastic packaging.

14 - TRANSPORT INFORMATION

Not classified as hazardous under transport regulations (ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport).

15 - REGULATORY INFORMATION

This product was classified in compliance with the directive known as <All preparations> 88/379/EEC and its adaptations. The product as shipped is not subject to labeling according to EC directives.

16 - OTHER INFORMATION

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.

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material. The information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations but all statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.