

### 1 - IDENTIFICATION OF THE PREPARATION AND THE COMPANY/BUSINESS

#### Identification of the substance or preparation

Name of product: **MBP 101**

#### Use of the substance / preparation

Article: Moisture barrier protective film

#### Company / undertaking identification

Company name: AIRTECH EUROPE Sarl

Street/POB No.: Z.I. Haneboesch

State/city/postal code: L-4562 DIFFERDANGE

Telephone: +352-582282-1

Telefax: +352-584935

Dept./responsible for information:

E-mail: sales@airtech.lu

#### Emergency telephone

+352-582282-1 (8.00am – 5.00pm CET)

### 2 - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Under normal conditions of use, the product is not expected to create any health or safety hazards. Product can form ignitable mixtures or burn if it is heated to temperatures above the flash point. Product can be electrostatically charged, which can lead to an ignitable electrical discharge.

### 3 – COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:** Flexible laminate of plastic films and aluminium foil.

**Hazardous ingredients:** None known.

### 4 - FIRST AID MEASURES

**Skin contact:** Wash skin with water and soap. If molten material contacts skin, cool rapidly with cold water. Do not attempt to peel the product from skin. Obtain medical attention for thermal burns.

**Inhalation:** Not a probable route of exposure. In case of accidental inhalation of fumes from overheating or combustion, move to fresh air. Keep the patient warm and at rest. Consult a physician after significant exposure.

**Eye contact:** The product is an inert solid. In case particles come into the eye, remove by irrigating with eye solution or clean water, holding the eyelids apart. Obtain medical attention.

**Ingestion:** Not a probable route of exposure.

### 5 - FIRE-FIGHTING MEASURES

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

**Special protective equipment/instructions:** Normal firefighting procedures should be followed to avoid inhalation of smoke and gases. Firefighters should wear full protective clothing including self contained breathing apparatus.

### 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 suitable containers and either recycle or dispose of. Observe the legal requirements for waste disposal. Films lying on the floor can cause a danger of slipping.

# EU SAFETY DATA SHEET

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

## MBP 101

### 7 - HANDLING AND STORAGE

**Handling:** Good industrial practice in housekeeping should be followed. Wash hands after handling and before eating. Avoid contact with naked flames and hot surfaces as irritant and toxic decomposition products can be formed.

Take measures against electrostatic charging.

**Storage:** Store in a cool dry place at 50 – 55 % R.H. and at ambient temperature in original packaging until use.

### 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Exposure limit values:** None known.

**Exposure controls:** Provide adequate room ventilation or local exhaust when heating or welding the product.

**Occupational exposure controls:**

Respiratory protection: Not required if proper ventilation is provided.

Hand protection: Protective gloves according to EN 407 if contact with hot material is possible.

Eye protection: Safety glasses for good industrial practice.

Hygiene measures: Wash hands before handling food and at the end of work.

### 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White and metallic foil
Odor:	None
pH:	Not applicable
Solubility in water:	Insoluble.
Flash point:	340°C
Auto-ignition temperature (ASTM D 1929):	335°C
Melting point/range:	> 105°C
Density:	1.27

### 10 – STABILITY AND REACTIVITY

**Conditions to avoid:** Heating above 100°C.

**Materials to avoid:** Fluoride, strong oxidizing agents.

**Hazardous decomposition products:** Temperatures above 300°C lead to the decomposition of the polymers. In case of thermal decomposition, during overheating or combustion, toxic and corrosive vapours may be evolved: carbon monoxide, carbon dioxide, hydrocarbons, acetic acid, vinyl acetate and other toxic fumes.

**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.

### 11 - TOXICOLOGICAL INFORMATION

According to the best of our knowledge and to our experience, the product is not harmful to health provided that it is correctly handled and used according to the given recommendations. The material is neither mutagenic, cancerogenic nor teratogenic.

### 12 - ECOLOGICAL INFORMATION

**General information:** Product is insoluble in water and not biodegradable. The material has no harmful effect on the environment.

**Water hazard class:** 0 (self-assessment) = non hazardous for water

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

### 13 - DISPOSAL CONSIDERATIONS

**Disposal recommendations:** Disposal of the product and the packaging must be done in compliance with local, state and federal regulations. Recycling of the aluminium is possible in recycling plants.

European waste code number: 020301 = Composite wastes containing aluminium

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

Waste key number 150102 – Plastic packaging.

### 14 - TRANSPORT INFORMATION

Not classified as a hazardous material with regards to transportation 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 directives 67/548/EEC and 1999/45/EC and their adaptations. 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.

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