

MATERIAL SAFETY DATA SHEET

107104 RI-200mtr luchtkussenfolie aircap 150cm 9.5mm 2-laags ECO

Revision: 2

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1. Product and Company Identification

Product name: AirCap©
Product Characteristics: Barrier sealed bubble film
Products application: Packaging
Manufacturer:

Emergency telephone number:

Person to contact:

2. Hazards Identification

- No substances classified as dangerous as per Directive 67/548 are present.
- The product at higher temperatures than the decomposition one can produce gases with carbonic oxide.
- Electrostatic discharges: the product can accumulate electrostatic charges which releasing could create striking of a fire.
- The material, in fine particles, can cause eye irritation.
- The product, if swallowed can cause suffocation.
- Melted material can cause burns if in contact with skin.

3. Composition/Information on Ingredients

Chemical Name: Low Density Polyethylene film
Formula: $(C_2H_4)_n$
Name: Polyolefine
Synonymous: LDPE
Hazardous components: No one

4. First aid Measures

Inhalation:	In case of inhalation of vapors in the decomposition phase immediately remove to fresh air; make the person rest in the half erected-position; to undo the dresses and keep warm. If breathing problems occurs consult a physician. Medical assistance is needed.
Skin Contact:	Any melted material on skin causes burnings that have immediately to be cooled with cold water. Cover the wound with a sterile cloth. Medical assistance is advisable.
Eye Contact:	This is a solid and inert product. Remove as like any other foreign body. In case of unsuccessful removal, medical assistance is needed.

5. Fire Fighting Measures

Extinguishing materials:	Water, foam, carbon dioxide CO ₂ , extinguishing powder ABC.
Fire Fighting Instructions:	Melted parts usually burns slowly generating hydrocarburical decompositions substances, and with the presence of burning melted material. Employ spray water to cool surfaces exposed to the fire and to protect personnel. Stop the fire feed. Extinguish the fire cooling with sprayed water.
Caution:	Wear appropriate protective suite.
Hazardous Combustion Products:	Emits hydrocarburical mist. In oxygen lack can produce Carbon monoxide.

6. Accidental Release Measures

Personal Causes Measures:	Employ usual working equipment
Ecological Information:	See item 12
Cleaning and Collecting Consideration:	Employ usual working equipment

7. Handling and Storage

Handling

Keep away from open flame, source of heat, or ignition sources.

Employ correct earthing connection to avoid accumulation that can produce sparks (possible ignition source).

An appropriate ventilation system in premises where:

- A fusion process of the material is held
- The material is grinded or processed
- Any type of high temperature process is held.

Storage:

Protect the material from direct sun lights as it may accelerate the deterioration process and affect its quality
To have a correct processing keep the material dry (this increases the hazard of static electricity).

Stocking Temperature (°C): ambient temperature

Transport Temperature (°C): ambient temperature

Transport/Storage Pressure (KPa): atmospheric

Uses:

Packaging, Construction, Sailing, Automotive, Electronic

8. Exposure Controls/Personal Protection

Maximum Exposure:

No maximum exposure limits exists for this product.

Personal Protective Equipment

No particular protective equipment except regular protection according to the kind of work to be done.

During processing of this material adequate ventilation system is required.

9. Physical and Chemical Properties

Physical state

Foam

Color

Natural

pH

N/A

Boiling Point:

N/A (melting temperature 80-100°C)

Flash point:

340°C (Literature)

Flammability in air:

N/A

Explosive properties:

Oxidising properties:

Vapor pressure:

N/A

Autoignition Temperature:

350 °C (Literature)

Relative density:

Raw Material:

From 915 Kg/m³ to 935 Kg/m³

Final product:

From 24 Kg/m³ to 150 Kg/m³

Water solubility:

Insoluble in water

Kinematic Viscosity:	N/A
Vapor density:	N/A
Evaporation rate:	N/A

10. Stability and Reactivity

Conditions to avoid:	Temperatures over 300 °C. Follow the suggestions on point n° 7 about storage.
Materials to avoid:	Strong Oxides
Hazardous decomposition:	Carbon monoxide, inflammable hydrocarbons.

11. Toxicological Information

Inhalation:	Negligible hazard at ambient temperature. Mist generated at high temperatures can cause irritation to eyes and respiratory system.
Skin contact:	No hazard at ambient temperature (from -18°C to +38°C). Exposure to melted product can cause burnings.
Eye Contact:	Generated powder can be abrasive for the eyes and cause mechanical irritation.
Ingestion:	Minimum toxicity indication (LD ₅₀ by mouth Mouse >5000 mg/Kg).
Specific reaction:	Additional information available if required.

12. Ecological Information

Ecotoxicity	No information existing about environmental hazard of the material.
Mobility:	No one
Persistence and Degradability:	Very low UV biodegradability
Bioaccumulative Potential:	No information existing about environmental hazard of the material.
PBT assessment:	N/A
Other Adverse Effects:	No one

13. Disposal Consideration

- Best way to dispose the material incinerate with the recover of energy; dispose in appropriate discharges, or recycling methods
- The material can be recycled

14. Transport Information

General caution

Follow item 7 recommendations about storage.
Avoid any ignition source near the product and the trailer
Employ only ventilated transportation means.

Shipping ICAO/IATA

No regulation existing for the shipping of this product
No regulation existing for air transportation of this product

15. Regulatory Information

In conformity with the EEC rules no DOT is required for this product.

16. Other Information

Be sure the premises where the product is processed and stored are correctly ventilated

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