

A6000 Release film



Tel: +44 (0) 1274 550500
Fax: +44 (0) 1274 550501
Email: sales@aerovac.com
Website: www.aerovac.com

Health and Safety at Work - Control of Substances Hazardous to Health Material Safety Data Sheet

MSDS No: A6000

1) Chemical Product and Company Identification

PRODUCT NAME: A6000BNP, A6000BP3.
OTHER/GENERIC NAMES: PTFE-Copolymer with Ethylene.
FORM: Blue transparent plastic film.
PRODUCT USE: Release film.

MANUFACTURER/DISTRIBUTOR: Aerovac Systems Ltd
500 Bradford Road
Sandbeds
Keighley
West Yorkshire
BD20 5NG
England

For more information call +44 (0) 1274 550500 (Mon - Thurs 8:30-17:00, Fri 8:30-13:45).

2) Composition/Information on Ingredients

Characterization : Film made out of Co-polymerisat, Tetrafluorethylene with Ethylene
(Cas-Nr. 74499-71-1)
Ingredients contributing to the hazard: None

3) Hazards Identification

No particular hazards known.

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4) First Aid Measures

Skin contact : Wash exposed skin with soap and water. Get medical attention.
Eye contact : Any material entering the eye should be flushed out with copious volumes of water.
Inhalation : In the case of excessive inhalation of fumes remove the affected person to the fresh air as soon as possible. Medical assistance is required.
Symptoms : If decomposition products are inhaled, following symptoms can occur: Fever, breathing difficulties, cough, shivering fits

5) Flammable Properties

Suitable extinguishing agents: Waterfog, foam, CO₂ , dry chemicals
Special hazards from the substance itself, its combustion products or from its vapours: In case of fires, hazardous combustion gases are formed: - Carbonmonoxide(CO), Hydrogen fluoride (HF), Carbonyl fluoride, Tetrafluoroethylene, Hexafluoropropylene, Perfluoroisobutylene
Special protective : In the presence of combustion or carbonisation gases, any firefighting, rescue equipment for firefighting and clearing up activities should be undertaken only with heavy-duty respiratory protection
Further information : Fluoropolymers can raise the relative toxicity of the combustion gases formed.

6) Accidental Release Measures

Methods for cleaning up/taking up: Pick up mechanically

7) Handling and Storage

Information for handling : Keep away from sources of ignition, refrain from smoking and storage
Storage class: 13 not flammable solid matter

8) Exposure Controls/Personal Protection

General protective measures: Do not inhale vapours or dust.
Hygiene measures : Do not smoke during work time. Keep away from tobacco.
Store work clothing separately

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9) Physical and Chemical Properties

Form : film
Colour : clear
Smell : odourless
Melting point (°C) : 260 – 280 (ASTM D 3159)
Flash point (°C) : not applicable
Ignition temperature (°C) : > 500 (ASTM D 1929)
Density (23°C) : 1,7 - 1,9 g/cm³
Solubility in water : insoluble

10) Stability and Reactivity

Thermal decomposition : > 330°C
Hazardous reactions : Reactions with metals in powder form from 370°C onwards.
Hazardous decomposition products: see flammable properties

11) Toxicological Information

According to experience, the product is considered to be harmless to health if handled in the correct manner.

12) Ecological Information

The product is insoluble in water. The material has no harmful effect on the environment.

13) Disposal Considerations

Product : In accordance with the necessary technical regulations may be dumped or incinerated with household waste, after consultation with site operator and with the responsible authority. HF must be removed by flue gas scrubbing.

Waste code (Germany) : 57126

Name of waste : Plastic wastes containing fluoride compounds.

14) Transport Information

GGVS (ADR) / GGVE (RID) : Not regulated

UN-No. : Not regulated

GGV See / IMDG-Code : Not regulated

ICAO / IATA-DGR : Not regulated

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15) Regulatory Information

German Regulations : Product (Foil) is a plastic preparation. The foil is no subject to the Federal German Regulations on Dangerous Chemical Substances (GeffStoffVO of 25.09.1991)
Water hazard class (Germany): 0 (self classification)

16) Other Information

CURRENT ISSUE DATE: May 2010

PREVIOUS ISSUE DATE: April 2009

CHANGES TO MSDS FROM PREVIOUS ISSUE DATE ARE: Format change

This material safety data sheet was prepared in compliance with Council Directive 91/155/EEC, 67/548 and 88/379/EEC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

The above information describes exclusively the safety requirements of the product(s) and is based on our present day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet. The information contained in this sheet does not constitute a hazard assessment and should not be used in place of the user's own assessment of workplace risks as required by other health and safety legislation.

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