

# Environmental and disposal information

## Biatain Ag Adhesive (Hydrocolloid)



### Composition

#### Biatain Ag Foam Dressings shapes



#### Composition of product

- Silver complex
- Polyurethane-foam - PU
- Polyurethane film - PU
- Thermoplastic elastomer - TPE
- Adhesive
- DOA
- Polyester - PET

#### Composition of packaging

The product is packed in a sterile barrier with the following composition:

- Aluminium laminate
- Polyethylene - PE
- Polyester - PET

The retail and transport boxes are made of cardboard with a content of 30-45% recycled fibers.

### How do I dispose of the product and packaging?

#### Hospital use of the product

Per The European Waste Catalogue (EWC), in accordance with EC Directive 75/442/EEC, the following Waste Code can be used:

*18 01 04 00 wastes whose collection and disposal is not subject to special requirements in view of the prevention of infection (e.g. dressings, plaster casts, linen, disposable clothing, diapers)*

However if the waste in view of the prevention of infection needs special requirements, other Waste Codes should be used. It is the responsibility of the holder of the waste to determine the actual classification.

#### Private use of the product

Biatain Ag Dressings used in private homes may be disposed of as normal household waste.

Coloplast recommends municipal incineration as the preferable method for disposal, but local disposal regulations should always be followed.

#### Packaging

Coloplast recommends that the packaging materials are recycled via local recycling collection systems or alternatively disposed of via municipal incineration, but local disposal regulations should always be followed.



**Recyclable**

## Environment during the life cycle of the product

### Materials

During the development of new products the environmental profile of the materials is assessed. The tools used to make the assessment include the environmental impacts of the material before it reaches Coloplast.

### Production

The environmental impacts that occur during the production of the products are reduced by minimizing the use of materials and energy as well as emissions and waste from the processes.

### Use

There are no significant environmental impacts during the use phase. This product is a medical device and has been evaluated and tested according to the requirements of medical devices.

### Disposal

#### Product

#### *Discharge to the environment:*

Based on toxicity data on the ingredients no ecotoxicological effects are expected. However the product is not biodegradable and discharge to the environment should be avoided.

#### *Recycling:*

Because the product has been in contact with exudates, recycling is not possible.

#### *Incineration:*

Under controlled incineration conditions, the product forms carbon dioxide (CO<sub>2</sub>), nitrogen oxide (NO<sub>x</sub>), water (H<sub>2</sub>O) and a small amount of residual solids. Non-controlled and incomplete incineration may result in the formation of toxic gases, e.g. carbon monoxide and polyaromatic hydrocarbons.

Incineration will yield energy, which can be recovered by incinerators with energy recovery facilities.

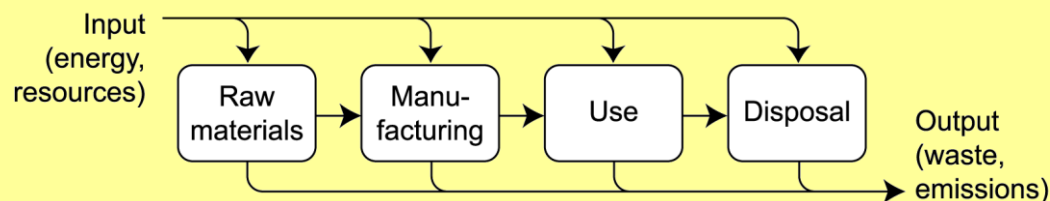
#### Packaging

Under controlled incineration conditions, polyester and polyethylene form carbon dioxide (CO<sub>2</sub>) and water (H<sub>2</sub>O). Incineration of aluminum forms aluminum oxide residues.

Incineration will yield energy, which can be recovered by incinerators with energy recovery facilities.

The sterile barrier is not biodegradable.

The retail and transport boxes are biodegradable with time.



## Our environment – worth the extra effort

### Environmental awareness from the very start

Whenever we develop a new product, environmental concerns are an important consideration right from the start. Our choice of ingredients, materials and processes involves an assessment of the environmental impact of the new product.

### Environmental management system

Coloplast has implemented ISO 14001 certified environmental management at the Danish and German manufacturing sites, other production sites will successfully be certified.

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