

Recycling Information

Leaflet 5: Ambisorb® 15-25 PCM

Environmental summary

Ambisorb® PCM's are manufactured using three main components:

- Printed outer corrugate sleeve.
- Flexible laminate PE co-polymer bag
- Non-hazardous salt based phase change material (PCM).

Ecological Information:

Printed outer corrugate sleeve: No damaging effects to aquatic or soil environment. Corrugate is generally considered to be compostable and biodegradable. This material complies with UK Packaging (essential requirements) regulations 2003; (amended 2004).

Bag: No expected damaging effects to aquatic or soil environment.

Solution (PCM): Evaluation: Biodegradable.

Disposal considerations – options:

Reuse: points to look out for

1. Inspect the outer corrugate sleeve for damage; replace as necessary*
2. Open one end of the corrugate sleeve and slide out bagged PCM. Inspect the bag for physical damage.
3. Carefully re-insert pack into corrugate sleeve and re-seal.



Recycling: instructions for disposal

1. Open outer corrugate sleeve & remove inner bag.
2. Remove all adhesive tape from outer corrugate sleeve and flatten. The material can be segregated, stored and collected for recycling. Alternatively it can be sent for energy recovery.
3. Cut open bag.
4. Empty PCM solution into a suitable waste receptacle. Do not empty into drains or water courses. Waste material should be sent to licensed landfill sites.
5. Bag to recycling as appropriate. Unfortunately because of the requirements of the bag performance it can not at present be recycled. However the material is suitable for energy recovery, or disposed with non-hazardous waste destined for licensed landfill sites.

Which ever method is adopted always dispose in accordance with national or regional regulations.

References

A Safety Data Sheet (SDS) can be requested for this product, please contact us by telephone or through our website.

* contact Laminar Medica for further information.