

Recycling Information

Leaflet 1: Standard Medicools®

Environmental summary

Medicools® are manufactured using three main components:

- Flexible LDPE/EVA co-polymer bag
- Polyether foam core
- Non-hazardous water based phase change material (PCM)

Medicools® can ultimately be recycled with other polyethylene based materials.

Instructions for disposal

1. Cut open bag.
2. Empty PCM solution to drain.
3. Remove foam core & wring out excess PCM solution.
4. Foam core to recycling as appropriate.
5. Bag to recycling as appropriate.

BAG

Ecological information

No expected damaging effects to aquatic or soil environment.



Disposal considerations

It is recommended that LDPE/EVA be recycled, providing it is uncontaminated by other matter. If recycling is not possible the material is suitable for energy recovery, or disposed with non-hazardous waste destined for licensed landfill sites. Advice on the preferred method should be sought from the National and local Waste Regulation Authorities or equivalent bodies if outside the UK.

FOAM

Ecological information

No expected damaging effects to aquatic or soil environment. This material has minimal biodegradation.



Disposal considerations

Same as LDPE/EVA, see above

SOLUTION (PCM)

Ecological information

Evaluation: Biodegradable.

Disposal considerations

Medicool® solution can be discharged into a combined sewer system.

References

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