**α2.5 Lifecycle Flow Diagram Template**

Space Case



Polyester Disposal

Recycling Plastic

Polyester Components

* **Purified terephthalic acid**
* **Dimethylterephthalate**
* **Mono-ethylene glycol**

**Non-hazardous Outputs**

**Nitrogen**

Sulfur Dioxide from the Polyesther

Carbon Dioxide to melt the plastic

**Hazardous Material Outputs**

Recycled back into making more of the Space Case

Plastic

Fabric

End of Life/Disposal