Niemann Polygloss PET-Foil

This information is based on our current state of knowledge and is provided with respect to the safety of the product. Thus, it should not be construed to guarantee the products suitability for a particular application.

Niemann's PET foil is an "article" under REACH, rather than a "substance" or "preparation", this document is not a "safety data sheet" as defined by regulation*

Main Chemical Component
Poly(ethylene terephthalate), "PET"
CAS # 25038-59-9

Physical-chemical data
The odourless film is chemically stable and resistant to attack by oils, solvents, weak acids and weak alkalis. The film melts in the range of 250° - 265° C and decomposes above 300° C.

Physical Hazards
When the film is machined, milled or ground, dust can be formed, particularly in the case of opaque film types. Such operations should be monitored and respirable dust abd particulate exposure maintained below established exposure limits.

Health Hazard Data
No adverse health effects have been attributed to polyester film.

In Case of Fire
The film will burn if exposed to flame. Firefighters should protect themselves from combustion and decomposition products that may include carbon monoxide, acetaldehyde and other toxic gases. Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to products of combustion exists. Fire fighting extinguishing media includes carbon dioxide, water spray, foam or dry chemical.

Dealing with Molten Film
If the film could be subjected to conditions releasing acetaldehyde, then adequate ventilation should be used to stay below the exposure limit.
Skin contact with molten film causes burns (due to heat). Appropriate clothing and heat resistant gloves can be used as protection. If contact occurs accidentally, cool quickly with water and have the burn treated by a physician.

Disposal and Shipping Information
Polyester film is not classified as a hazardous waste under Directives 91/689/EEC and 91/156/EEC. It can be disposed of or incinerated with normal household waste, after consultation with site operator and local authorities. However, locally applicable regulations must be followed.

Mechanical recycling would be possible, provided a suitable collection scheme were set up.

Polyester film is not classified as hazardous material for the purposes of transportation by road, inland waterway, sea, air or mail.

***All information taken from our supplier's datasheet for this product**