



## DIGITAL ELECTRONIC PRODUCTS LTD

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## MATERIAL SAFETY DATA SHEET

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name :** AstraJet

**Product code :** IJSF130C

**Use / Description of product :** Astrafil is a clear, transparent polyester film for Eco Solvent, Solvent and UV curable inks and is ideally suited for producing high quality film positives, picture presentations in illuminated poster displays and for various decorative applications. This product has special Polyester with anti-static properties, it also does not curl

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredient 1 :** Polyethylene Terephthalate **100%**

**Ingredient 2 :**

**Ingredient 3 :**

**Ingredient 4 :**

**CAS No :** 25038-59-9

### 3. HAZARD IDENTIFICATION

**Main hazards :** No significant hazards associated with exposure to this product.  
When the product burns or thermal decomposition occurs the product releases toxic gases and fumes

**Other hazards :**

### 4. FIRST AID MEASURES (SYMPTOMS & ACTION)

**General comments :**

**Eye contact:** No emergency case anticipated

**Inhalations:** No emergency case anticipated

**Skin contact:** No emergency case anticipated

## 5. FIRE FIGHTING MEASURES

|                                      |   |
|--------------------------------------|---|
| <b>Extinguishing media :</b>         | Water, Carbon dioxide, dry chemical and foam  |
| <b>Special hazards :</b>             | On burning the product will have an intense heat, smoke, irritating toxic gases and aerosols including carbon monoxide, hydrocarbon fragments and metal oxides                            |
| <b>Personal protective Equipment</b> | Firefighters should wear self-contained breathing apparatus due to the product being a combustible thermoplastic film which has the potential to release dense smoke in a fire situation. |

## 6. HANDLING AND STORAGE

|  |  |
|--|--|
| <b>Technical protective Measures</b>         | Avoid direct finger contact with running film to prevent static charge   |
| <b>Protection against Fire and explosion</b> | The product is a combustible thermoplastic film.<br>Discharge into dust or solvent laden may cause a flash fire or explosion   |
| <b>Storage</b>                               | It is recommended to store in the product in the original packaging (up to one year for recommended condition) in a cool and dry environment. Temperature 10° ~ 25°C (50° ~ 77°F), Relative humidity 50% RH. |

## 7. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                                      |   |
|--------------------------------------|---|
| <b>Technical Measures</b>            |   |
| <b>Personal protective equipment</b> | Not necessary                           |
| <b>Skin protection</b>               | Not necessary                           |
| <b>Eye protection</b>                | Not necessary                           |
| <b>Industrial hygiene measures</b>   | No particular precautions are necessary |

## 8. PHYSICAL AND CHEMICAL PROPERTIES

|                         |                               |
|-------------------------|-------------------------------|
| <b>Appearance: -</b>    | Clear                         |
| <b>Form</b>             | Clear Film                    |
| <b>Odour</b>            | Odourless                     |
| <b>Explosive limits</b> | None                          |
| <b>Density (20°C)</b>   | About 1.396 g/cm <sup>3</sup> |

**9. STABILITY AND REACTIVITY**

**Dangerous reactions**

**Thermal decomposition**

**Further details**

**10. DATA ON TOXICOLOGY**

There are no reported toxicological hazards associated with this product

**11. DATA ON ECOLOGY**

No data available

**12. INSTRUCTIONS FOR DISPOSAL**

Debris may be disposed of in a non-regulated landfill. However prior to disposal, it is recommended that all actions must conform to state and local regulations

**13. DATA ON TRANSPORT**

No dangerous goods according to transport regulations

**14. REGULATIONS**

**Labelling:-**

**Labelling according to EG-  
Regulation**

**Labelling according to  
Hazardous material  
regulation**

**Water hazard classification**

**Other regulations,  
limitations**

|                       |
|-----------------------|
| <b>14. OTHER DATA</b> |
|-----------------------|

**Recommended uses**

Signage such as POP, Poster, Window Display, Presentation, Proper GIS/Mapping, Screen Film Positives/Negatives

- **Lamination:** Lamination is optional. In order to protect the image from physical damage and to decrease image fading. Over laminate is recommended by not essential
- **Printing Tip:** Suitable printing condition: Temperature 15-30°C (59-86°C) Humidity 30-60%. Use care in handling printed material, surface susceptible to abrasion. To optimize the printing quality, printer needs to be set for the highest print quality.
- **Printer Compatibility:** HP, EPSON, MIMAKI, ROLAND, MUTOH, Seiko, OCE, Vutech

**Further information**

This data sheet is based upon current knowledge and experience. The safety data sheet is issued to describe the products with regard to safety requirements. The details do not have the meaning of property assurances. For warranties and liabilities our general terms of delivery and conditions of sale are valid.

**Source of most important Data, stated herein**

Production information sheets and safety data sheets of raw material producers.