



an EnPro Industries company

## Material Safety Data Sheet Mylar

### SECTION 1: Identification of the Substance/mixture and of the Company/Undertaking

|                  |                            |
|------------------|----------------------------|
| Trade Name:      | Mylar                      |
| Chemical Formula | Polyethylene Terephthalate |

### SECTION 2: Hazards Ingredients

|                      |      |
|----------------------|------|
| Hazardous Components | None |
|----------------------|------|

### SECTION 3: Physical Data

|                                       |   |
|---------------------------------------|---|
| BOILING POINT (F)                     |   |
| FREEZING POINT (F)                    |   |
| VOLATILITY / VOLUME (%)               | N/a   |
| MELTING POINT                         | >235° C (>455° F)                               |
| VAPOR PRESSURE (mmHg)                 |   |
| VAPOR DENSITY (Air=1)                 |   |
| SOLUBILITY IN H <sub>2</sub> O        | Negligible                                      |
| APPEARANCE / ODOR                     | Clear Transparent film, No Odor, Clear in Color |
| SPECIFIC GRAVITY (H <sub>2</sub> O=1) | N/a   |
| ACIDITY                               |   |

### SECTION 4: Fire and Explosion Hazard Data

|                     |  |
|---------------------|--|
| FLASH POINT         |  |
| LOWER FLAME POINT   |  |
| HIGHER FLAME POINT  |  |
| EXTINGUISH MEDIA    |  |
| FOR FIRE            |  |
| UNUSUAL FIRE HAZARD |  |

### SECTION 5: Health Hazard Data

|                       |  |
|-----------------------|--|
| HEALTH HAZARD         |  |
| THRESHOLD LIMIT VALUE |  |
| OVER EXPOSURE EFFECTS |  |



**SECTION 6:    Reactivity Data**

|                           |  |
|---------------------------|--|
| CHEMICAL STABILITY        | Stable   |
| CONDITIONS TO AVOID       | Strong acids and bases may hydrolyze the film  |
| INCOMPATIBLE MATERIALS    | None reasonably foreseeable  |
| DECOMPOSITION PRODUCTS    | Hazardous gases / vapors produced are carbon monoxide and hydrocarbon oxidation products including organic acids, aldehydes and alcohols |
| HAZARDOUS POLYMERIZATIONS | Will not occur   |
| POLYMERIZATION AVOID      |  |

**SECTION 7:    Spill or Leak Procedure**

|                       |   |
|-----------------------|---|
| FOR SPILL             |   |
| WASTE DISPOSAL METHOD | Recycling, incineration with energy recovery and landfill |

**SECTION 8:    Special Protection**

|                            |   |
|----------------------------|---|
| RESPIRATORY PROTECTION     | Not Required  |
| VENTILATION                |   |
| PROTECTIVE GLOVES          | Wear gloves when handling hot film  |
| EYE PROTECTION             | Safety Glasses  |
| OTHER PROTECTIVE EQUIPMENT |   |
| HANDLING AND STORAGE       | Avoid breathing vapors / fumes produced during processing. Store in a cool / dry place. |

**SECTION 9:    Special Precautions**

|                          |
|--------------------------|
| HAZARD CLASS             |
| DOT SHIPPING NAME        |
| REPORTABLE QUANTITY (RQ) |
| UN NUMBER NA#            |
| NA#                      |
| PACKAGING SIZE           |