



## MATERIAL SAFETY DATA SHEET - PET Printed Label Film

Product Summary - PET (Polyethylene tetraphthalate) Heat Shrinkable Packaging Film

### SECTION I - PRODUCER

**Manufacturer:** SKC Ltd.  
**Emergency Telephone:** None  
**Product Name:** Skyrol PET Film

### SECTION II - INGREDIENTS

Main Ingredient	Typical Percent	OSHA PEL Gas Fume Dust ppm mg/m <sup>3</sup>	ACGIH TLV Gas Fume Dust ppm mg/m <sup>3</sup>	CAS Numbers
Polyethylene tetraphthalate made from ethylene glycol and dimethyl terephthalate	70-80%	N/D	N/D	23038-59-9

### SECTION III - PHYSICAL DATA

**Melting Range:** 256-265° C **Vapor Density:** N/A **Evaporation Rate:** N/A  
**Boiling Point:** N/A **Vapor Pressure:** N/A **Specific Gravity:** 1.4kg/dm<sup>3</sup>  
**Appearance and Odor:** Clear Plastic Film  
**Solubility in Water:** Insoluble

Notes: N/D = Not Determined N/A = Not Applicable

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** 497° C **LEL:** N/A **UEL:** N/A  
**Extinguishing Media:** Carbon Dioxide or Foam fire-fighting agents. Water as an alternative  
**Special Fire Fighting Procedures:** Use self-contained breathing apparatus.

Notes: N/D = Not Determined N/A = Not Applicable

### SECTION V - REACTIVITY DATA

**Stability:** Stable **Hazardous Polymerization:** Will not occur  
**Conditions to Avoid:** Extreme Heat or Flame  
**Materials to Avoid:** None Known  
**Hazardous Decomposition Products:** Hydrogen Chloride, Carbon Monoxide

Notes: N/D = Not Determined N/A = Not Applicable

### SECTION VI - HEALTH HAZARD DATA

**Routes of Entry:** Inhalation - Yes Skin - No Ingestion - No  
**Health Hazards:** Product in bulk is not considered hazardous. None known for PET; thermal decomposition products may produce eye, nose and throat irritation. When sealed using equipment with Teflon-covered heating elements, this

product does not thermally decompose.

**Carcinogenicity:** NTP - No IAR Monographs - No

**Acidity:** None

**Signs and Symptoms of Overexposure:** None Known

**Medical Conditions Generally Aggravated by Exposure:** None, when using proper sealing equipment.

**Emergency and First Aid Procedures:** None Known

## SECTION VII - SAFETY IN HANDLING AND USE

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**Steps to be Taken in Case Material is Released or Spilled:** No Special Procedure

**Waste Disposal Method:** For disposal of this material as a waste, act in accordance with all applicable federal, state and local waste management regulations.

**Precautions to be Taken in Handling and Storing:** As with any plastic film, adequate ventilation is recommended during hot wire cutting if fumes develop. The hot wire should be kept clean and adjusted, using the minimum temperature necessary to effectively cut off and seal. If there is no hot-wire cutting involved in the process, and therefore no fumes, no special precautions are necessary.

**Other Precautions:** None Known

## SECTION VIII - SPECIAL PROTECTION INFORMATION

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**Respiratory Protection:** Not necessary when using appropriate sealing system or when no sealing is used.

**Ventilation:** If decomposition products exceed TLVs or PELs

**Protection Gloves:** Not Required

**Eye Protection:** Not Required

**Other Protective Equipment:** Not Known

**Work Hygienic Practices:** Use appropriate work practices to maintain exposures below TLV or PEL.

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