

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006 (REACH)

### SECTION 1: Identification of the mixture and of the company/undertaking

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#### 1.1 Product identifier:

**Article description:** Ribbon  
**Group number:** 1927,0501

#### 1.2. Relevant identified uses of the mixture and uses advised against

This product is an Ribbon

##### **Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen).

Liquid oil based ink typically used for nylon fabric based impact printer ribbons.

##### **Application of the mixture**

Matrixprinter

#### 1.3 Details of the supplier of the safety data sheet:

##### **Manufacturer:**

Name KMP PrintTechnik AG  
Address Pfarrer-Findl-Strasse 40, D-84307 Eggenfelden, Germany  
E-Mail info@kmp.com

#### 1.4 EMERGENCY TELEPHONE NUMBER:

+49 8721 773-60 Mo - Th 8:00 bis 17:00 Uhr Fr 8:00 bis 14:00 Uhr

### SECTION 2: Hazards identification

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#### 2.1. Classification of the mixture:

##### **Classification according to Regulation (EC) No 1272/2008**

The product is not classified as hazardous according to the CLP regulation.

##### **Additional information:**

Full text of H- and EUH-phrases: see SECTION 16.

#### 2.2 Label elements

Void

##### **Labelling according to Regulation (EC) No 1272/2008**

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**Precautionary statements** Void

#### 2.3 Other hazards

Results of PBT and vPvB assessment

**PBT:** Not applicable.

### SECTION 3. Composition/information on ingredients

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#### 3.1 Mixtures

Description of the mixture: Mixture

##### Hazardous ingredients

Compound	CAS-Nr.	EC-Nr.	INDEX Nr.	Concentration %	Classification according to the Directive (EG) Nr. 1272 [CLP]
---	Not applicable.	Not applicable.	---	< 1	---

##### Additional information:

For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

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#### 4.1 Description of first aid measures

#### 4.2 Eye Contact:

Flush eyes thoroughly with water. Seek medical attention if irritation persists.

#### 4.3 Skin Contact:

For prolonged skin contact, wash the affected area with mild soap and water. Remove and launder contaminated clothing before reuse.

#### 4.4 Ingestion: If ingested, DO NOT induce vomiting. Seek medical attention.

### SECTION 5: Firefighting measures

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#### 5.1 Suitable extinguishing media:

Use foam, CO<sub>2</sub>, or dry chemical.

#### 5.2 Unsuitable extinguishing media:

High pressure water jet.

#### 5.3 Special hazards in case of fire:

Treat as oil fire. Spray water to cool closed containers to prevent pressure buildup and possible auto ignition on exposure to extreme heat.

#### 5.4 Hazardous combustion products:

Carbon monoxide, carbon dioxide, smoke.

#### 5.5 Firefighting equipment/instructions:

Wear self-contained breathing apparatus when fighting fire in confined area. Do not use water.

#### 5.6 Flammability Classification:

Not a flammable liquid.

## SECTION 6: Accidental release measures

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- 6.1 Personal precautions:** Wear appropriate gloves to avoid staining hands.
- 6.2 Environmental precautions:** Prevent spills from entering storm sewers or drains.
- 6.3 Method and material for containment and cleaning up:**  
Small spills: Soak up with paper or other absorbent material.  
Large spills: Contain and collect with dry inert absorbent material.

## SECTION 7: Handling and storage

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- 7.1 Precautions for safe handling:**  
Keep out of the reach of children. Keep away from excessive heat and protect from direct Sun light. Avoid long contact with the skin. Avoid contact with the eyes.
- 7.2 Information about protection against explosions and fires:**  
Keep away from sources of ignition, don't inhale the vapours.
- 7.3 Conditions for safe storage, including any incompatibilities:**  
Store between +5 °C and +35°C. Protect from light.  
When not in use keep containers closed in ambient storage conditions.

## SECTION 8: Exposure controls/personal protection

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- 8.1 Control parameters:** No data available
- 8.2 Exposure controls**  
**Appropriate engineering controls:** Mechanical (general) ventilation is acceptable.  
**Personal Protective Equipment:** Protective gloves recommended for prolonged or repeated contact. For eye protection, safety goggles or glasses with side shields are recommended.
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## SECTION 9. Physical and chemical properties

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- 9.1 Information on basic physical and chemical properties**

<b>Appearance:</b>	Black
<b>Odor:</b>	Slightly pungent odor
<b>Odor threshold:</b>	No data available
<b>pH:</b>	Not relevant
<b>Melting point/freezing point:</b>	<250°C (32°F)
<b>Initial boiling point and boiling range:</b>	Not relevant
<b>Flash Point:</b>	>100C° (500°F) COC
<b>Evaporation rate:</b>	No data available
<b>Flammability (solid, gas):</b>	240°C
<b>Upper/lower flammability or explosive limits:</b>	No data available
<b>Vapor pressure:</b>	<0,1 mbar
<b>Vapor density:</b>	No data available
<b>Relative density:</b>	<1 bei 25°C
<b>Water solubility:</b>	Insoluble
<b>Partial coefficient: n-octanol/water:</b>	No data available
<b>Auto ignition temperature:</b>	Product is self-inflammable
<b>Decomposition temperature:</b>	No data available
<b>Viscosity:</b>	5000 – 10000 mPa.s.

## **SECTION 10: Stability and reactivity**

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- 10.1 **Reactivity:** No dangerous reaction known under conditions of normal use.
- 10.2 **Chemical stability:** Stable under normal temperatures and pressures
- 10.3 **Possibility of hazardous reactions:** None known
- 10.4 **Conditions to avoid:** None known
- 10.5 **Incompatible materials:** Oxidizing agents.
- 10.6 **Hazardous decomposition products:** None known.

## **SECTION 11: Toxicological information**

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### **11.1 Information on toxicological effects**

- 11.2 **Acute toxicity:** No known significant effects or critical hazards
- 11.3 **Skin corrosion/irritation:** Prolonged skin contact may cause skin irritation
- 11.4 **Serious eye damage/irritation:** No known significant effects or critical hazards
- 11.5 **Respiratory or skin sensitization:** No known significant effects or critical hazards
- 11.6 **Germ cell mutagenicity:** No known significant effects or critical hazards
- 11.7 **Carcinogenicity:** No known significant effects or critical hazards
- 11.8 **Reproductive toxicity:** No known significant effects or critical hazards
- 11.9 **STOT-single exposure:** No data available
- 11.10 **STOT-repeated exposure:** No data available
- 11.11 **Aspiration hazard:** No data available

#### 11.12 Routes of exposure

Inhalation	No known significant effects or critical hazards
Skin	Repeated exposure may cause skin irritation.
Eyes	May cause discomfort.
Ingestion	Material can be aspirated into lungs causing harm.

### SECTION 12: Ecological information

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12.1 Toxicity:	No data available
12.2 Persistence and degradability:	No data available
12.3 Bioaccumulative potential:	No data available
12.4 Mobility in soil:	No data available
12.5 Other adverse effects:	No data available
12.6 Other information:	None

### SECTION 13: Disposal considerations

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#### 13.1 Waste treatment methods:

**Product:** Contact a licensed professional waste disposal service to dispose of this material in accordance with applicable local, state, and national environmental regulations. Do not contaminate the ground or water with waste.

**Contaminated packaging:** Completely empty container and dispose of properly as unused product

### SECTION 14: Transport information

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- 14.1 UN-Number ADR, IMDG, IATA Void
- 14.2 UN proper shipping name ADR, IMDG, IATA Void
- 14.3 Transport hazard class(es) ADR, IMDG, IATA Class Void
- 14.4 Packing group ADR, IMDG, IATA Void
- 14.6 Special precautions for user Not applicable.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.  
Transport/Additional information: Not dangerous according to the above specifications.

## **SECTION 15: Regulatory information**

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### **15.1 Safety, health and environmental regulations/legislation specific for the mixture**

#### **Directive 2012/18/EU**

Not classified.

### **15.2 Chemical Safety Assessment:**

A Chemical Safety Assessment has not been carried out.

## **SECTION 16: Other information**

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These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### **H- Frases**

Not applicable

### **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

AF Overall assessment factor