

FIRMA / COMPANY: Pelikan International Corporation, Hardcopy Division (comprising Franz Büttner, Caribonum, Greif & Merlin)
Gewerbstrasse 9, CH 8132 Egg/ZH, Switzerland Tel. 01 / 986 1111 Abteilung/Department : FQ-Q

HANDELSNAME / COMMERCIAL PRODUCT NAME: Fabric Ribbon Cassette

1.1 Chemische Charakterisierung / Chemical Characterisation: Inked nylon ribbon, ink comprising a preparation of natural and/or mineral oils and synthetic colourants, in a moulded plastic cassette

(Die genaue Zusammensetzung dieses Produktes ist streng \ The precise composition of this product is proprietary)
(vertraulich und wird nur in speziellen Fällen an Personen \ information. More detailed information will be supplied in)
(aus dem medizinischen oder Gesundheitsbereich abgegeben \ confidence to qualified medical or hygiene personnel where)
(\ specific treatment is necessary.)

1.2 Form / Form: Inked fabric cassette **1.3 Farbe / Colour:** Single- or multi-coloured **1.4 Geruch / Odour:** Neutral

2 PHYSIKALISCHE UND SICHERHEITSTECHNISCHE ANGABEN / geprüft nach /
PHYSICAL DATA AND SAFETY DATA: Tested in accordance with:

2.1 Zustandsänderung / °C
Change in physical state: Not at normal temperatures °C

2.2 Dichte / Density: (°C) NA g/cm³
Schüttdichte / Bulk Density: (°C) NA kg/m³

2.3 Dampfdruck / Vapour pressure: (°C) NA mbar

2.4 Viskosität / Viscosity: (°C) NA

2.5 Löslichkeit / Solubility
In Wasser / in Water: (°C) NA g/l
In (°C) g/l

2.6 pH-Wert (bei g/l H₂O) / (°C) NA
pH-Value (at g/l H₂O):

2.7 Flammpunkt / Flash Point: Not ascertainable °C by normal methods

2.8 Zündtemperatur / Ignition Temperature: ND °C

2.9 Explosionsgrenzen / untere / lower: NA
Explosion limits: obere / upper: NA

2.10 Thermische Zersetzung / Thermal Decomposition: May occur at temperatures greater than ca 150°C

2.11 Gefährliche Zersetzungsprodukte / Hazardous Decomposition Products: Depending on thermal conditions, traces of styrene, butadiene, formaldehyde, and other hazardous decomposition products may be formed

2.12 Gefährliche Reaktionen / Hazardous Reactions: None

2.13 Weitere Angaben / Further Information: None

3 TRANSPORT GGVSee/IMDG-Code: UN-Nr: ICAO/IATA-DGR:
GGVB/CGVS: RID/ADR: ADNR:

Sonstige Angaben / Other Information: Not dangerous goods

4 VORSCHRIFTEN / REGULATIONS: *No special regulations apply in Europe*

5 SCHUTZMASSNAHMEN, LAGERUNG UND HANDHABUNG / PROTECTIVE MEASURES, STORAGE AND HANDLING:

5.1 Technische Schutzmassnahmen / Technical protective measures: *None required*5.2 Persönliche Schutzausrüstung / Personal protective equipment: Atemschutz / Respiratory protection: *None required* Augenschutz / Eye protection: *None required*Handschutz / Hand protection: *Use disposable gloves to handle ribbon if required* Andere / Other: *---*5.3 Arbeitshygiene / Industrial hygiene: *Use good hygiene methods to avoid flesh or clothing contamination*5.4 Brand - und Explosionsschutz / Protection against fire and explosion: *No special measures required*5.5 Entsorgung / Disposal: *Small quantities : in normal waste collections
Bulk quantities : by land fill or incineration, at approved disposal site only*

6 MASSNAHMEN BEI UNFÄLLEN UND BRANDEN / MEASURES IN CASE OF ACCIDENTS AND FIRES:

6.1 Nach Verschütten/Auslaufen/Gasaustritt / After spillage/leakage/gas leakage: *NA*6.2 Löschmittel Geeignete / Extinguishing media suitable: *CO /water/powder*

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Nicht zu verwenden / Not to be used: *---*6.3 Erste Hilfe / First Aid: *Remove ink in eyes by irrigation) Seek medical advice if ingested
Remove ink from skin with soap and water) or irritation persists*6.4 Weitere Angaben / Further Information: *Take care over hazardous fumes in fires (see 2.11)*

7 ANGABEN ZUR TOXIKOLOGIE / INFORMATION ON TOXICITY:

- Ink can irritate skin in extreme cases*
- If more details on ink(s) are required, please refer to separate Material Safety Data Sheet(s)*

8 ANGABEN ZUR ÖKOLOGIE / INFORMATION ON ECOLOGICAL EFFECTS:

- Ink residues can be dangerous for water*
- If more details on ink(s) are required, please refer to separate Material Safety Data Sheet(s)*

9 WEITERE HINWEISE / FURTHER INFORMATION:

NA = not applicable / not relevant
ND = no data

- Do not use the ribbon for any purposes other than those designated*
- All materials used in these products, where applicable, appear in the European Community's "Inventory of Existing Commercial Chemical Substances" (EINECS) or have been reported under member states' "New Substances" legislation. These products also conform to all other known European chemicals safety legislation.*

Die vorgenannten Angaben sind nach bestem Wissen erstellt.
Aus oder in Zusammenhang mit diesen Datenblatt können
keinerlei Rechte hergeleitet werden.

The above information relates only to the products designated.
It is accurate to the best of our knowledge. No responsibility
is accepted for any errors or omissions.