

## MATERIAL SAFETY DATA SHEET

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE

Product Name: FABRIC RIBBON CASSETTE

STATEMENT OF HAZARDOUS NATURE: Not classified as hazardous.

### SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)

| Chemical Name | CAS #     | Weight % | EU Symbol | EU R-Phrase |
|---------------|-----------|----------|-----------|-------------|
| Carbon Black  | 1333-86-4 | 2.5      | None      | None        |

| Chemical Name | USA OSHA PEL         | ACGIH TLV                  |
|---------------|----------------------|----------------------------|
| Carbon Black  | 3.5mg/m <sup>3</sup> | 3.5mg/m <sup>3</sup> (TWA) |

| Chemical Name | EU ILV | DFG MAK |
|---------------|--------|---------|
|               |        |         |

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### SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS – Continued

Carcinogen

| Chemical Name | CAS # | Reference |
|---------------|-------|-----------|
|---------------|-------|-----------|

None

Other Ingredient(s):

| Chemical/Generic Name | Weight % |
|-----------------------|----------|
|-----------------------|----------|

|                  |    |
|------------------|----|
| Nylon 6-6 Fabric | NA |
| Oil              | NA |
| Colouring Agents | NA |
| Additive         | NA |

### SECTION 3 HAZARDS IDENTIFICATION

|                    |   |
|--------------------|---|
| Emergency Overview | Nylon fabric impregnated with black liquid ink. |
|--------------------|---|

Potential Health Effects and Symptoms:

Inhalation: No Data Available

Ingestion: No Data Available

Eye: No Data Available

Skin: No Data Available

Chronic Effects: No Data Available

Medical Conditions Generally Known To Be Aggravated By Exposure:

No Data Available

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### SECTION 4 FIRST AID MEASURES

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First Aid Measures:

Inhalation: No Data Available

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Ingestion: If needed get medical attention.

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Eye: Flush with plenty of water and get medical attention.

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Skin: Wash well with water and soap.

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Note to  
Physicians: None

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### SECTION 5 FIRE FIGHTING MEASURES

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Fire Fighting Measures:

Extinguishing Media: Dry chemicals, Foam, Carbon Dioxide.

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Unsuitable  
Extinguishing Media: None

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Special Fire  
Fighting Procedures: None

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Unusual Fire and  
Explosion Hazards: None

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Fire and Explosive Properties:

Flash Point (°C): Not Applicable

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Flammable (Explosive)  
Limits: No Data Available

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Auto ignition  
Temperature (°C): No Data Available

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Flammability: No Data Available

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### SECTION 5 FIRE FIGHTING MEASURES – Continued

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Fire and Explosive Properties – Continued:

Auto flammability: No Data Available

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Explosive: No Data Available

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Oxidizing Properties: No Data Available

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Hazardous  
Combustion Products: No Data Available

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Other Properties: No Data Available

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### SECTION 6 ACCIDENTAL RELEASE MEASURES

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Personal Precautions: No Data Available

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Environmental Precautions: No Data Available

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Method for Cleaning Up: Not Applicable

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### SECTION 7 HANDLING AND STORAGE

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Handling: Should be stored in a cool, dark and dry place.

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Storage: Keep out of the reach of children.

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### SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: No Data Available

Engineering Controls: No Data Available

Personal Protection Equipment(s):

Respiratory Protection:  Required  Not Required

Eye/Face Protection:  Required  Not Required

Skin Protection:  Required  Not Required  
Desirable depending on the cases.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

|  |   |
|--|---|
| Appearance:                              | Nylon fabric impregnated with black liquid ink. |
| Odour:                                   | No Data Available                               |
| pH:                                      | No Data Available                               |
| Boiling Point/Range (°C):                | No Data Available                               |
| Melting Point/Range (°C):                | No Data Available                               |
| Decomposition Temp (°C):                 | No Data Available                               |
| Flash Point (°C):                        | No Data Available                               |
| Flammable (Explosive) Limits:            | No Data Available                               |
| Auto Ignition Temp (°C):                 | No Data Available                               |
| Flammability:                            | No Data Available                               |
| Auto Flammability:                       | No Data Available                               |
| Explosive Properties:                    | No Data Available                               |
| Oxidizing Properties:                    | No Data Available                               |
| Vapour Pressure:                         | No Data Available                               |
| Vapour Density :                         | No Data Available                               |
| Density/ Specific Gravity:               | Not Applicable                                  |
| Water Solubility:                        | Insoluble                                       |
| Solubility in Organic Solvents:          | Not Known                                       |
| Partition Coefficient (n-Octanol/Water): | No Data Available                               |
| Percent Volatile:                        | No Data Available                               |
| Evaporation Rate:                        | No Data Available                               |

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### SECTION 10 STABILITY AND REACTIVITY

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Stability:  Stable  Unstable

Conditions To Avoid: No Data Available

Materials To Avoid: No Data Available

Hazardous  
Decomposition Products: None

Hazardous  
Polymerisation:  May Occur  Will Not Occur

Conditions To Avoid: None

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### SECTION 11 TOXICOLOGICAL INFORMATION

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#### Acute Toxicity:

Inhalation: No Data Available

Ingestion: No Data Available

Eye: No Data Available

Skin: No Data Available

Sensitisation: No Data Available

Mutagenicity: No Data Available

Reproductive  
Toxicity: No Data Available

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### SECTION 11 TOXICOLOGICAL INFORMATION – Continued

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Carcinogenicity: The ingredients are not listed on the latest NTP Annual Report, IARC Monographs and OSHA regulations.

Others: No Data Available

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### SECTION 12 ECOLOGICAL INFORMATION

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Mobility: No Data Available

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Persistence/  
Degradability: No Data Available

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Bioaccumulation: No Data Available

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Ecotoxicity: No Data Available

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Other Adverse  
Effects: No Data Available

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### SECTION 13 DISPOSAL CONSIDERATION

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Method of Disposal: Ribbon may be disposed of as a plastic litter. For disposal of large quantities, incineration could be recommended. Disposal in accordance with local, state, and federal regulations.

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### SECTION 14 TRANSPORT INFORMATION

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UN #: No Data Available

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UN Shipping Name: No Data Available

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UN Classification: No Data Available

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UN Packing Group: No Data Available

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Special Precautions: No Data Available

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### SECTION 15 REGULATORY INFORMATION

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#### EU Information:

##### Information on the Label:

Symbol & Indication: No Data Available

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R-Phrase: No Data Available

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S-Phrase: No Data Available

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Dangerous  
Component(s): No Data Available

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##### Specific Provisions in Relation to Protection of Man or the Environment:

76/769/EEC: No Data Available

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(EC)2037/2000: No Data Available

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(EEC)2455/92: No Data Available

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Others: No Data Available

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#### USA Information:

##### Information on the Label Under FHSA:

Signal Word: No Data Available

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Hazard Warning: No Data Available

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Safety Advice: No Data Available

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Hazardous  
Component(s): No Data Available

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#### SARA Title III 313:

| Chemical Name | Weight % |
|---------------|----------|
|---------------|----------|

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None

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#### California Proposition 65:

| Chemical Name | Weight % |
|---------------|----------|
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None

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