

MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE

Product Name: 2939DN 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 ³ | 3.5mg/m ³ (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

First Aid Measures:

Inhalation: No Data Available

Ingestion: If needed get medical attention.

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

Skin: Wash well with water and soap.

Note to
Physicians: None

SECTION 5 FIRE FIGHTING MEASURES

Fire Fighting Measures:

Extinguishing Media: Dry chemicals, Foam, Carbon Dioxide.

Unsuitable
Extinguishing Media: None

Special Fire
Fighting Procedures: None

Unusual Fire and
Explosion Hazards: None

Fire and Explosive Properties:

Flash Point (°C): Not Applicable

Flammable (Explosive)
Limits: No Data Available

Auto ignition
Temperature (°C): No Data Available

Flammability: No Data Available

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SECTION 5 FIRE FIGHTING MEASURES – Continued

Fire and Explosive Properties – Continued:

Auto flammability: No Data Available

Explosive: No Data Available

Oxidizing Properties: No Data Available

Hazardous
Combustion Products: No Data Available

Other Properties: No Data Available

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: No Data Available

Environmental Precautions: No Data Available

Method for Cleaning Up: Not Applicable

SECTION 7 HANDLING AND STORAGE

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

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

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

SECTION 11 TOXICOLOGICAL INFORMATION

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

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

Others: No Data Available

SECTION 12 ECOLOGICAL INFORMATION

Mobility: No Data Available

Persistence/
Degradability: No Data Available

Bioaccumulation: No Data Available

Ecotoxicity: No Data Available

Other Adverse
Effects: No Data Available

SECTION 13 DISPOSAL CONSIDERATION

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.

SECTION 14 TRANSPORT INFORMATION

UN #: No Data Available

UN Shipping Name: No Data Available

UN Classification: No Data Available

UN Packing Group: No Data Available

Special Precautions: No Data Available

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SECTION 15 REGULATORY INFORMATION

EU Information:

Information on the Label:

Symbol & Indication: No Data Available

R-Phrase: No Data Available

S-Phrase: No Data Available

Dangerous
Component(s): No Data Available

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

76/769/EEC: No Data Available

(EC)2037/2000: No Data Available

(EEC)2455/92: No Data Available

Others: No Data Available

USA Information:

Information on the Label Under FHSA:

Signal Word: No Data Available

Hazard Warning: No Data Available

Safety Advice: No Data Available

Hazardous
Component(s): No Data Available

SARA Title III 313:

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

None

California Proposition 65:

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

None
