

Material Safety Data Sheet

Substance Key:

Revision Date: 02/04/2024

Version: 3.0

Date of Printing: 02/04/2024

Product Name: Ribbon Cassette

Section 1-Chemical Product and Company Identification

Product Name:

Ribbon Cassette

General Use:

For Dot Matrix Printer

Manufacture/Supplier:

Fax No:

Tel No:

Further information obtainable from:

Information in case of emergency:

Fax No

Tel No:

Email: N/A

Section 2-Composition/Data on component

Printer Nylon Ribbon Ingredients:

COMPONENTS	CAS NO.	Contents (%)
Oil	/	0.1-0.3%
Polyamide 66	32131-17-2	97.0-99.0%

Ink Ingredients:

COMPONENTS	CAS NO.	Contents (%)
Pigment	8005-02-5	10-25%
Oleic acid	/	20-50%
Fatty acid	8016-28-2	2.5-10%
Mineral oil	64742-52-5	10-25%
Additive	/	10-25%

Other Ingredients:

COMPONENTS	CAS NO.	Contents (%)
Acrylonitrile-Butadiene-Styrene Copolymer(ABS)	9003-56-9	>98%(additive ≤2%)

UN Category & Classified number

Not included in the category of Hazardous Products of UN definition.

Section 3-Hazards Identification

Most Important Hazards:

None

Adverse Human Health Effects:

No risk if operation is under normal circumstances, but burning or thermal decomposition will produce harmful gases. (Carbon monoxide, oxide of nitrogen, and ammonia, etc.)

Environmental Effects:

Cannot be decomposed

Physical and Chemical Hazards:

It will burn if there is source of fire, in normal circumstances the possibility of dangerous reactions is minimal.

Danger Type

Does not belong to harm categories

Section 4- First Aid Measures

Inhalation:

If there is stimulation or discomfort, shift to fresh air , if necessary , receive medical diagnosis.

Skin Contact:

Almost no possibility of harm, but should use soap to clean after operations.

Eye Contact:

Rinse opened eye for several minutes under running water, if symptoms persist, consult a doctor.

Ingestion:

Induce vomiting. Seek medical attention.

Immediate Medical Attention:

Immediate medical attention is not required.

Section 5- Fire Fighting Measures

Extinguishing Media:

Chemical powder, CO₂-gas, Water, Sand, and others

Special Fire Fighting Procedure:

Extinguish the fire above the wind.

Unusual Fire & Explosion Hazards:

Burning or thermal decomposition will produce harmful gases. (Carbon monoxide, oxide of nitrogen, and ammonia, etc.)

Protection of Firefighters:

Use automatic respirator, fireproofing protection suits and any other suitable protective measures if necessary.

Section 6- Accidental Release Measures

Person-related safety precautions:

Not applicable

Measure for environmental protection:

Not applicable

Measures for cleaning/collecting:

Not applicable

Section7 - Handling and Storage

Handling

Technical Measures/Precautions:

In order to protect quality, do not wet with water, oil or medicine.

Information about protection against explosions and fire:

Keep ignition sources away.

Storage

Technical Measures:

Store in a cool and dry location

Packaging material:

Not applicable

Section8- Exposure Controls/Personal Protection

Eye protection:

None required in normal use.

Protective Gloves:

None required in normal use.

Ventilation:

None required in normal use.

Respiratory Protection:

None required in normal use.

Protective Clothing or Equipment:

None required in normal use.

Hygiene Measures:

Wash hands after handling.

Other:

None

Section9 - Physical and Chemical Properties

Appearance:

Cassette

Odor:

Odorless

PH:

Not applicable as supplied.

Flash Point:

Not applicable unless individual components exposed.

Flammability:

Not applicable unless individual components exposed.

Relative density:

Not applicable unless individual components exposed.

Solubility (water):

Not applicable unless individual components exposed.

Solubility (other):

Not applicable unless individual components exposed.

Section10 - Stability and Reactivity

Stability:

Stable under normal circumstance

Hazardous Reaction:

There is no significant hazardous reaction expected with intended use.

Condition to Avoid:

Direct sunlight, fire and strong acidifier

Dust explosion:

Not applicable

Hazardous Polymerization:

Will not occur

Section11 - Toxicological Information

Primary irritant effect:

on the skin:

No toxic irritating effect, according to Directive 67/548/EEC or Directive 199/45/EC

on the eye:

No toxic irritating effect, according to Directive 67/548/EEC or Directive 199/45/EC

Sensitization:

No toxic sensitizing effect known, according to Directive 67/548/EEC or Directive 199/45/EC

Other information (about experimental toxicology):

Mutagenicity:

Ames test Negative (According to the test result of similar composition)

Additional toxicological information:

Combustion gases irritated eye and skin.

Section12 - Ecological Information

Additional ecological information:

General notes:

Water hazard class 0 (Self-assessment): no hazardous for water

Do not allow product to reach ground water, water course or sewage system. Be dangerous to drinking water if even small quantities leak into the ground.

Section13 - Disposal Considerations

As local regulations may vary; all waste must be disposed/recycled/reclaimed in accordance with local environmental control regulations.

Recommendation: Do not allow product to reach sewage system.

Section 14 - Transport Information

International Regulations

Land Transport

RID/ADR:

Not regulated

DOT 49 CFR:

Not regulated

ADNR:

Not regulated

Sea Transport

IMD G Code:

Not regulated

Air Transport

ICAO- TI/IATA- DGR:

Not regulated

UN Number:

Not regulated

Class:

Not regulated

Specific Precautionary Transport Measures and Conditions:

None in normal use

Section 15 - Regulatory Information

Regulations

US Information

Information on the label:

Not required

TSCA (Toxic Substances Control Act):

This product complies with all applicable rules and regulations under TSCA.

SARA (Superfund Amendments and Reauthorization Act) Title III 313

Reportable Ingredients:

Not regulated

California Proposition 65:

Not regulated

Canada Information

WHMIS Controlled product:

Not a controlled product

EU Information

Information on the label (1999/45/EC and 67/548/EEC)

Symbol & Indication:

Not required

R-Phrase:

Not required

S-Phrase:

Not required

Special Precautions under 1999/45/EC Annex V:

Not required

76/769/EEC:

This product complies with applicable rules and regulations under 76/769/EEC

Section 16 - Additional Information

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g)

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