
MATERIAL SAFETY DATA SHEET

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Date: 2010/04/22

1. PRODUCT AND COMPANY IDENTIFICATION

Product Supplier Reference: Thermal Transfer Ribbon Black

Consumable Name: Inkfilms PFA331 / PFA351 / TTR200 / TTR400

Supplier identification:

SAGEMCOM DOCUMENTS SAS

250 Route de l'Empereur

92500 RUEIL MALMAISON - FRANCE

Téléphone : +33(0)157611010

Fax : +33(0)157611001

Email : MSDS@sagemcom.com

2. Hazards Identification (Most Important Hazard)

Adverse Human Health Effects

No know applicable information.

Environmental Effects

No know applicable information.

Physical and Chemical Hazards

No know applicable information.

The classification of The Chemical Product

Not applicable

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3. Composition/Information on Ingredients

Substance or Preparation: Preparation

Chemical Nature Ingredients	Cas No	Contents (Wt%)		
[Ink]				
Paraffin wax	8002-74-2	29.0	—	33.0
Carbon Black	1333-86-4	6.0	—	9.0
Carnauba wax	8015-86-9	2.0	—	3.0
Resin	Confidential	4.5	—	6.5
Ethylene-vinyl acetate copolymer	24937-78-8	1.0	—	3.0
Pigment A	557-05-1	0.5	—	0.9
Pigment B	70750-63-9	0.0	—	0.6
[Film]				
Polyethylene Terephthalate		48.0	—	53.0

4. First-Aid Measures

Skin Contact

Wash thoroughly with soap and water.

Eye Contact

Rinse with plenty of water and seek medical advice if any irritation remains.

Ingestion

Wash mouth with water and get medical advice.

5. Fire-Fighting Measures

Extinguishing Media

Water, CO₂, Dry Chemical and others

Fire-Fighting Equipment

Respiratory and eye protection required for fire fighting personnel.

6. Accidental Release Measures

Not applicable under intended use.

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7. Handling and Storage

Handling (technical measures, precautions, safe handling material)
Prohibition of dropping and throwing

Storage (technical measures storage conditions, packaging material)
Places, such as sunlight, a leak, and an excessive temperature change, are avoided.

8. Exposure Controls / Personal Protection

Engineering Measures

Local Exhaust: None required under normal conditions of use.

Personal Protective Equipment

Respiratory Protections

None required under normal conditions of use.

Hand Protection

It is not needed in particular, but arming of protection glove (a product made in vinyl or a product made in caoutchouc) is preferable to prevent adhesion of ink.

Eye Protection

None required under normal conditions of use.

Skin and Body Protection

None required under normal conditions of use.

9. Physical and Chemical Properties

Physical State

Form : Ribbon
Color : Black
Odor : None

Information

pH	: No data	Measuring Temperature. (°C)	: -
Boiling Point (°C)	: No data		
Flash Point (°C)	: No data		
Fire Point (°C)	: Above 480(Film)		
Melting Point (°C)	: Above 250(Film)		
Explosion Properties (°C)	: This product is considered a no explosive material under normal use condition.		
Vapor Pressure (pa)	: Not applicable	Measuring Temperature (°C)	: -
Vapor Density (AIR=1)	: Not applicable		
Density (g / cm 3)	: approx. 1. 4 (Film)	Measuring Temperature (°C)	: -

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Solubility

Water Solubility (g / L)	:	Insoluble
Water Solubility Measuring Temperature (°C)	:	-
Other Solvent name	:	-
Other Solvent Solubility (g / L)	:	-
Other Solvent Solubility Measuring Temperature (°C)	:	-
Octanol / Water Partition Coefficient	:	Not known

10. Stability and Reactivity

Conditions to Avoid

Not applicable in normal use.

Materials to Avoid

Not applicable in normal use.

Hazardous Decomposition Products

Will not occur

11. Toxicological Information

Acute Toxicity

Acute Oral Toxicity	:	No data
Acute Dermal Toxicity	:	No data
Acute Inhalation Toxicity	:	No data

Carcinogenicity: The carbon black contained in this product corresponds to IARC (2B).

12. Ecological Information

Persistence / Degradability : Not known

Bioaccumulation : Not known in bioaccumulation.

Ecotoxicity

Acute Toxicity for Fish	:	Not known
Acute Toxicity for Daphni	:	Not known
Algae Inhibition Test	:	Not known

13. Disposal Consideration

Dispose of waste material in accordance with local, state and federal pollution regulations.

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14. Transport Information

International Regulations

The UN Classification Number : Not applicable
Hazard Class : Not regulated as a hazardous material.
UN number : None

15. Regulation Information

Regulations : None

16. Other Information

None
