

<b>MATERIAL SAFETY DATA SHEET</b>	Page 1/8
Regma Transfert Thermique	Revision date: 12/12/2011
N 102 Sw	Revision number : 00

Established according to the annex II of EU regulation n° 1907/2006 (REACH), the EU regulation n°1271/2008 and the commission regulation n°453/2010

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Resin thermal transfer ribbon, quality N 102 Sw

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Thermal transfer printing on near edge printers (especially appropriate for printings on coated and uncoated paper and carton)

### 1.3. Details of the supplier of the safety data sheet

Regma Transfert Thermique SAS

6 Rue Verdier Monetti

BP6

76880 Arques la Bataille

Telephone : +33235048667

Fax : +33235047537

Email : [fds@regmatt.com](mailto:fds@regmatt.com)

### 1.4. Emergency telephone number

- European emergency call: 112 (free number, can be dialled from anywhere in Europe, from any telephone (landline, pay phone or mobile cellular phone), reachable 24 hours a day, 7 days a week.)
- Supplier emergency call: +33235048667 (only available during office hours: 8h-12h / 13h-17h)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This product is not classified as hazardous according to Regulation (EC) No 1272/2008 [EU-GHS/CLP] and the directives No 67/548/CEE and 99/45/CEE.

### 2.2. Label elements

This product is not labelled according to Regulation (EC) No 1272/2008 [CLP]

### 2.3. Other hazards

This product is not classified as PBT or vPvB.

No special remarkable hazard.

Carbon black is the only constituent of the ink suspected by the IARC (International Agency for Research against Cancer) which classified it as Category 2B (possibly carcinogenic to humans). Overall, as a result of extensive epidemiological studies, no causal link between exposure to carbon black and cancer risk in humans has been demonstrated.

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### SECTION 3: Composition/information on ingredients

3.2. Mixtures				
Substance identification	Concentration	Identification No	Classification	Hazards
Polyethylene Terephthalate (PET film)	56.6%	CAS : 25038-59-9	--	--
Paraffine wax	21,8%	CAS : 8002-74-2 EINECS : 232-315-6	--	--
Carbon black	6,9%	CAS : 1333-86-4 EINECS : 215-609-9	--	--
Carnauba wax	5.3%	CAS : 8015-86-9 EINECS : 232-399-4	--	--
Paraffine wax	3,4%	CAS : 63231-60-7 EINECS : 264-038-1		
Others	6%		--	--

### SECTION 4: First aid measures

<p><b>4.1. Description of first aid measures</b>  <i>General notes:</i> No effects are expected during normal use of the substance; however if any effects do appear, the following recommendations apply  <i>Inhalation :</i> not applicable  <i>Skin contact:</i> Wash with water and soap (do not use any solvent). Take victim to a doctor if irritation persists.  <i>Eye contact:</i> Rinse immediately with plenty of water for 15 minutes. Take victim to a doctor if irritation persists.  <i>Ingestion:</i> Similar to the ingestion of any substance without particular toxicity (Rinse mouth with water, consult a doctor/medical service if you feel unwell)</p> <p><b>4.2. Most important symptoms and effects, both acute and delayed</b>  No specific symptoms or effects have been reported.</p> <p><b>4.3. Indication of any immediate medical attention and special treatment needed</b>  No special treatment: treat according to the symptoms.</p>
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Foam, carbon dioxide, powder, water

### 5.2. Special hazards arising from the substance or mixture

No risk in case of complete combustion.

Incomplete combustion may produce carbon monoxide and aldehydes.

### 5.3. Advice for fire-fighters

Special protective equipment for fire-fighters: Gloves, safety glasses, protective clothing.

Do not inhale combustion gases: use a respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

No special measure.

### 6.2. Environmental precautions

No special measure.

### 6.3. Methods and material for containment and cleaning up

Shovel product into suitable containers.

The product must be disposed according to regional regulations.

### 6.4. Reference to other sections

See section 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

No special precautions if the product is used appropriately.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep / store in a cool and dry area

(Recommendations: Temperature= 5 – 35°C / Relative humidity = 30 – 80%)

### 7.3. Specific end use(s)

No specific use.

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Limit value: not applicable

### 8.2. Exposure controls

Respiratory protection : no

Hand protection: no

Eye protection: no

Skin/body protection: no

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

*Physical state* : solide

*Appearance*: film

*Colour* : black

*Odour* : negligeeable

*pH* : not applicable

*Melting point* : ~61°C (for the ink) and 250°C (for the PET film)

*Boiling point* : not applicable

*Flash point* : non applicable

*Evaporation point* : non applicable

*Solubility* : insoluble in water

*Decomposition temperature* : not measured

*Auto ignition temperature* : not measured

### 9.2. Other information

No other data

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product can be damaged by sulphuric acid and nitric acid.

### 10.2. Chemical stability

The product is stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

### 10.4. Conditions to avoid

Keep away from heat sources

### 10.5. Incompatible materials

The product can be damaged by sulphuric acid and nitric acid.

### 10.6. Hazardous decomposition products

None

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

*Oral acute toxicity*: no available data

*Inhalation acute toxicity* : not concerned

*Dermal acute toxicity*: no available data / According to our acknowledgment, no dermal reaction has been observed.

*Skin irritation* : not irritating

*Eye irritation* : not irritating

*Sensitisation* : no available data

*Risk of aspiration toxicity* : not concerned

*Toxicity by repeated dose*: no available data

*Specific Target Organ Toxicity - single exposure*: no available data

*Specific Target Organ Toxicity – repeated exposure*: no available data

*Carcinogenicity*: no available data

*Mutagenicity*: no available data

*Teratogenicity*: no available data

*Reproduction/developmental toxicity and reproduction*: no available data

No harmful effect has been observed under normal conditions of use.

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## SECTION 12: Ecological information

<p><b>12.1. Toxicity</b> No available data</p> <p><b>12.2. Persistence and degradability</b> No available data Limit degradation in contact with atmospheric agents (light, water, carbone dioxide).</p> <p><b>12.3. Bioaccumulative potential</b> No available data</p> <p><b>12.4. Mobility in soil</b> No available data</p> <p><b>12.5. Results of PBT and vPvB assessment</b> No available data</p> <p><b>12.6. Other adverse effects</b> No available data</p>
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## SECTION 13: Disposal considerations

<p><b>13.1. Waste treatment methods</b> The recommendations for disposal concern the material as supplied. Disposal should be in accordance with laws and regulations and according to product characteristics at time of disposal. Council relating to disposal: The means of disposal that are suitable for this product are controlled incineration, preferably with energy recovery, or recycling of appropriate methods in accordance with the regulations and product characteristics at time of disposal. Hazardous waste: Within the present knowledge of the supplier, this product is not considered a hazardous waste as defined by EU Directive 91/689/EEC.</p>
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## SECTION 14: Transport information

### 14.1. UN number

Not restricted

### 14.2. UN proper shipping name

Not restricted

### 14.3. Transport hazard class(es)

Not restricted

### 14.4. Packing group

Not restricted

### 14.5. Environmental hazards

None

### 14.6. Special precautions for user

No special precaution.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not restricted

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This product is not classified as hazardous according to Regulation (EC) No 1272/2008 [EU-GHS/CLP] and the directives No 67/548/CEE and 99/45/CEE.

*Restrictions:* none

*National regulations:* National or regional regulations must be followed.

### 15.2. Chemical safety assessment

*REACH:* No chemical safety assessment has been made for this product or for the substances contained in it.

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**SECTION 16: Other information**

This product has been made to be used in thermal transfer printers.  
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information contained in the present sheet is based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.