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Regma Transfert Thermique	Revision date: 15/04/2015
N 492 Yellow	Revision number : 00

Established according to the annex II of EU regulation n° 1907/2006 (REACH), the EU regulation n°1272/2008 and the commission regulation n°453/2010

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

### 1.1. Product identifier

Thermal transfer ribbon, quality N 492 Yellow

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

Thermal transfer printing

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

Calor GmbH

Arnold-Sommerfeld-Ring 13

D-52499 Baesweiler, Germany

### 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 phone number (24Hr) : Chemtrec 1-800-424-9300 (for chemical emergencies)

## 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.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

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Substance identification	Concentration	Identification No	Classification	Hazards
Polyethylene Terephthalate (PET film)	60-70%	CAS : 25038-59-9	--	--
Modified Hydrocarbon Waxes	10-30%	NA	--	--
Synthetic Waxes	10-30%	NA	--	--
EVA Copolymer	10-15%	24937-78-8	--	--
Color pigments (various)	5-10%	various	--	--

## SECTION 4: First aid measures

**4.1. Description of first aid measures**  
*General notes:* None currently known or expected. The form and intended use of this product should prevent the release of the hazardous components into the air and creating a hazard.  
*Inhalation :* Remove to fresh air. Get medical attention.  
*Skin contact:* Wash thoroughly with soap and water.  
*Eye contact:* Flush with copious amounts of water for at least 15 minutes. Seek medical attention.  
*Ingestion:* Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**  
 No specific symptoms or effects have been reported.

**4.3. Indication of any immediate medical attention and special treatment needed**  
 No special treatment: treat according to the symptoms.

## SECTION 5: Firefighting measures

**5.1. Extinguishing media**  
 Water spray, foam, dry chemical, carbon dioxide

**5.2. Special hazards arising from the substance or mixture**  
 Burning may produce carbon dioxide, carbon monoxide, oxides of nitrogen, acetaldehyde, methane, ethane, ethylene, toxic gases, and smoke.

**5.3. Advice for fire-fighters**  
 Wear normal fire fighting protective equipment, such as SCBA, in buildings or confined spaces.

## SECTION 6: Accidental release measures

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<p><b>6.1. Personal precautions, protective equipment and emergency procedures</b> No special measure.</p> <p><b>6.2. Environmental precautions</b> No special measure.</p> <p><b>6.3. Methods and material for containment and cleaning up</b> Pick up and store as solid waste.</p> <p><b>6.4. Reference to other sections</b> See section 8 and 13.</p>
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**SECTION 7: Handling and storage**

<p><b>7.1. Precautions for safe handling</b> No special precautions.</p> <p><b>7.2. Conditions for safe storage, including any incompatibilities</b> No specific conditions for storage.</p> <p><b>7.3. Specific end use(s)</b> No specific use.</p>
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**SECTION 8: Exposure controls/personal protection**

<p><b>8.1. Control parameters</b> Limit value: not applicable</p> <p><b>8.2. Exposure controls</b>  Eye Protection: It is a good industrial hygiene practice to minimize eye contact.  Respiratory Protection: No special respiratory protection required.  Ventilation: Provide sufficient mechanical ventilation.  Protective Clothing: Wear chemical-resistant gloves and protective clothing appropriate for the risk of exposure.  Work and Hygienic Practices: Eye wash and shower facility should be available. Practice good hygiene and maintain a clean work environment.</p>
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**SECTION 9: Physical and chemical properties**

<p><b>9.1. Information on basic physical and chemical properties</b></p>
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Appearance: Product consists of inks and resins coated on plastic film and wound onto a plastic or cardboard core.  
Solubility: Neither inks nor plastic films are soluble in water.

#### 9.2. Other information

*No other information*

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

None

#### 10.2. Chemical stability

The product is stable.

#### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

#### 10.4. Conditions to avoid

None

#### 10.5. Incompatible materials

None

#### 10.6. Hazardous decomposition products

Will not occur

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

*No data available*

#### *Other Information:*

*This product has been formulated to ensure that it complies with the RoHS Directive as per the European Union's RoHS Legislation (Directive 2002/95/EC).*

### SECTION 12: Ecological information

#### 12.1. Toxicity

No available data

#### 12.2. Persistence and degradability

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<p>No available data</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> This product is not classified as PBT or vPvB.</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> Dispose of product in accordance with local, state, and federal regulations.</p>
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**SECTION 14: Transport information**

<p><b>14.1. UN number</b> Not restricted</p> <p><b>14.2. UN proper shipping name</b> Not restricted</p> <p><b>14.3. Transport hazard class(es)</b> Not restricted</p> <p><b>14.4. Packing group</b> Not restricted</p> <p><b>14.5. Environmental hazards</b> None</p> <p><b>14.6. Special precautions for user</b> None</p> <p><b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> Not restricted</p>
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**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.

*USEPA SARA 311 Hazards Classification: N/A*  
*USEPA SARA 313: This product does not contain chemicals subject to the reporting requirements under SARA Title III, Section 313.*  
*Hazardous Substance (40 CFR 116): N/A*  
*CERCLA Reportable Quantity: N/A*  
*WHMIS Classification: Not a controlled product.*  
*Toxic Substances Chemical Inventory (TSCA): This product (and/or all of its components) is in compliance with the U.S. EPA TSCA.*

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

**SECTION 16: Other information**

HMIS Hazard Rating: Health – 0; Fire – 1; Reactivity – 0  
NFPA Hazard Rating: Health – 0; Fire – 1; Reactivity – 0

**DISCLAIMER:**  
The information accumulated herein is believed to be accurate and represents the best data currently available. It is the user's responsibility to determine suitability of use. No warranty, expressed or implied, is made and IIMAK assumes no legal responsibility or liability resulting from its use. Materials comprising <1% by weight, or <0.1% by weight if the chemical is a carcinogen, are not listed herein.