

MATERIAL SAFETY DATA SHEET

Issuing date: 17.06.19

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product name: **RICOH THERMAL PAPER TYPE 130 LE+ PF**

1.2. Company name: RICOH INDUSTRIE FRANCE S.A.S.
Address: 144, route de Rouffach
68920 WETTOLSHEIM COLMAR
FRANCE

Telephone number for information: +33 (0)3 89 20 40 00

Emergency telephone number: +33 (0)3 89 20 41 34

2. Hazards identification

Not hazardous according to our knowledge.

3. Composition/information on ingredients

| | <u>Weight (%)</u> |
|------------------------|-------------------|
| Base paper: | 86-88 |
| Amino-Phenyl compound: | 1.5-3.5 |
| Inorganic filler: | 1.5-3.5 |
| Organic filler: | 0.5-1.5 |
| Organic polymer: | 4.5-6.5 |
| Leuco dye: | 0.3-0.9 |
| Others: | 0.5-1.5 |

4. First aid measures

- Inhalation: **It is unlikely that emergency treatment will be required.** If adverse effects occur, remove from exposure, treat symptomatically and supportively and get medical attention.
- Skin contact: **It is unlikely that emergency treatment will be required.** If adverse effects occur, remove from exposure, treat symptomatically and supportively and get medical attention.
- Eye contact: Wash eyes with large amounts of water, until no evidence of paper remains (at least 15 minutes). Get medical attention if adverse effects occur.
- Ingestion: **It is unlikely that emergency treatment will be required.** If adverse effects occur, remove from exposure, treat symptomatically and supportively and get medical attention.

5. Firefighting measures

- Extinguishing media: Water spray, foam, and water
- Hazardous combustion Products: Thermal decomposition products may include toxic oxides of carbon for example carbon mono oxide.
- Fire and explosion hazard: Fire hazard when exposed to heat or flame. No explosion hazard, as long as there is no formation of dust-air mixture.
- Fire fighting: Prevent inhalation of gases during fire. Do not scatter spilled material with high-pressure streams. Dike fire-control water for later disposal.

6. Accidental release measure

Collect material for recycling or disposal as used thermal paper.

7. Handling and storage

There are no special safety regulations for storing or handling this product.
Paper reels should only be transported within the storage with proper equipment.

8. Exposure controls/personal protection

| | |
|----------------------|--|
| Eye protection: | Not necessary |
| Protective clothing: | Not necessary |
| Gloves: | Not necessary |
| Other: | Safety shoes are recommended if one's work requires handling and removing heavy paper reels. |

9. Physical and chemical properties

Physical state: coated paper

10. Stability and reactivity

| | |
|----------------------|---|
| Stability: | Stable under normal temperature and moisture conditions. |
| Conditions to avoid: | May burn, but does not ignite easily. Avoid contact with strong oxidisers, excessive heat, sparks, or open flame. |

11. Toxicological information

| | | |
|---------------------------|-----------------------|---------------------------------------|
| LD50 (oral) : | > 2000 mg/Kg | => According to OECD guide lines: 401 |
| Skin irritation (Rabbit): | Not irritant | => According to OECD guide lines: 404 |
| Mutation (Ames test): | No mutagenic activity | => According to OECD guide lines: 471 |
| Sensitivity test: | No sensitivity. | => According to Buehler test method |

12. Ecological information

There is no data available on ecological consequences of release of this product into the environment.

13. Disposal considerations

The product is fit for recycling or burning but anyhow, the product should be disposed according to the local regulation.

14. Transport information

No classification currently assigned.

15. Regulatory information

There is no regulatory information for this product.

16. Other information

- **130 LE+ PF product conforms** to the directive on **Packaging and Packaging waste 94/62 EC**.

This Material Safety Data Sheet has been established in accordance with the applicable European Directives including the Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), and applies to all countries that have translated the Directives in their national laws.

The information and recommendations contained herein are, to the best of our knowledge and belief, accurate and reliable as of the data issued. We do not warrant or guarantee their accuracy or reliability, and we shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.