

TOSHIBA TEC approved thermal transfer ribbon quality AS1

SAFETY DATA SHEET (ISO 11014-1) Date: June 9, 2008
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SAFETY DATA SHEET

1 - IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

Registered company name: ARMOR S.A.

TT Industrial & Expertise Centre

Address: ZI La Pélissière

44118 La Chevrolière

France.

Telephone: +33 (0) 2 40 38 40 00

<http://www.armor-group.com>

Emergency telephone: +33 (0) 2 40 38 40 00.

Association/Organization: ARMOR S.A.

Use of the product:

For thermal transfer printing.

2 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous substances present on their own:

(present in the product at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This product contains no hazardous substance in this category.

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

No known substance in this category present.

Other components: none

3 - IDENTIFICATION OF HAZARDS

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site

Other data: none

4 - FIRST AID MEASURES

In the event of exposure by inhalation: not relevant

In the event of splashes or contact with eyes: not relevant

In the event of splashes or contact with skin: wash with water and soap.

In the event of swallowing: not relevant

Specific and immediate treatment: none

Information for the doctor: give him this material safety data sheet

5 - FIRE-FIGHTING MEASURES

Not relevant.

Suitable extinguishing media: water, foam, CO₂

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Extinguishing media which must not be used for safety reasons: none

Special protective equipment for fire-fighters: a self contained breathing apparatus and suitable protective clothing

should be worn in fire conditions.

Special exposure hazards arising from the product itself, combustion products, resulting gases:

CO, CO₂ production

6 - ACCIDENTAL RELEASE MEASURES

Not applicable.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling: Avoid inhalation of ink particles, in case of flaking.

Fire prevention: None.

Recommended equipment and procedures: none

Prohibited equipment and procedures: none

Storage: keep in a dry and cool place

Specific use(s): none

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Not applicable.

Exposure limit values per INRS ND 2098-174-99 and ND 2114-176-99: not relevant

Exposure limit values per 2000/39/EC and 98/24/EC: not relevant

Exposure limit values (2003): not relevant

Respiratory protection: none

Hand protection: none

Eye and face protection: none

Skin protection: none

Environmental exposure controls: none

9 - PHYSICAL AND CHEMICAL PROPERTIES

Density: > 1

Acid/base character of product: not relevant.

Solubility of product in water: Insoluble.

Vapour tension at 50 °C of volatile constituents: not specified.

Physical state: inked ribbon

Flash point interval: not relevant.

The pH is impossible to measure or its value is not relevant.

Self-ignition temperature: not relevant.

Decomposition temperature: not relevant.

Melting temperature interval: not specified.

Average distillation temperature of solvents contained: not relevant.

Other data: none

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10 - STABILITY AND REACTIVITY

The product is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

Conditions to avoid: none

Materials to avoid: none

Hazardous decomposition products: none

11 - TOXICOLOGICAL INFORMATION

The product contains no substance classed as hazardous per directive 67/548/EEC.

In the event of exposure by inhalation: not relevant

In the event of swallowing: not relevant

In the event of splashes or contact with skin: none

In the event of splashes or contact with eyes: not relevant

Other data: none

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

Mobility: no data

Persistence and degradability: no data

Bioaccumulative potential: no data

Ecotoxicity: no data

Other adverse effects: none

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, in accordance with relevant legislation regarding non-hazardous waste.

The waste shall not be disposed of in the natural environment. Make sure that the waste is valued or recycled in accordance with relevant legislation.

Codes of wastes (Decision 2001/573/EC, Directive 75/442/EEC, Directive 91/689/EEC on hazardous waste): 08

03 99 (French Decree Nr 2002-540)

14 - TRANSPORT INFORMATION

Exempt from transport classification and labeling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport

15 - STATUTORY INFORMATION

This product is not classed as flammable.

Particular provisions:

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of

knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties