

TDM238

Material Safety Data Sheet

SECTION 1 Product Identification and General Information

Product Name: THERMAL TRANSFER RIBBON TDM238

Company Name: Hangzhou TodayTec Digital Co.,Ltd.

Address:

600kangxin Rd.hangzhou Qianjiang,Economy Development Zone.linping.hangzhou

Tel Number : +86-571-86358922

Fax Number: +86-571-86358921

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SECTION 2 Hazards Identification

Health hazard information (acute and chronic):

This product is harmless to humans or the environment under normal conditions of use.

Inhalation: this material is not considered to be an inhalation hazard.

Ingestion: Although intake is unlikely, this substance will stimulate the gastrointestinal tract.

Skin contact: long time contact with skin may be skin allergy.

Eye contact: may cause irritation and redness.

SECTION 3 Composition/Information on Ingredients

Contents	CAS No.	Contents (wt.%)
Resin	Confidential	5.0 -- 12.0
Paraffin Wax	Confidential	5.0 -- 100
Carnauba Wax	8015-86-9	6.0 -- 15.0
Carbon Black	1333-86-4	5.0 -- 10.0
Polyethylene Terephthalate	25038-59-9	70.0 -- 80.0

SECTION 4 First-Aid Measures

Eye Contact: Flush with copious amounts of water for at least 15 minutes. Seek medical attention.

Skin Contact: Wash thoroughly with soap and water.

Inhalation: Remove to fresh air. Get medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 5 Fire-Fighting Measures

Extinguishing Media : Water, CO2, Dry Chemical and others.

Specific Hazards with Regard to Fire-Fighting Measures:

Fire fighters should wear proper protective equipment and respiratory protection.

Specific Method : No special fire protecting method is required

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Remove ignition sources. Provide adequate ventilation. Avoid inhalation of vapour or dust. Avoid skin and eye contact. Wear protective gloves/protective clothing/eye protection/face protection.

For emergency responders:

Wear an appropriate NIOSH/MSHA approved respirator if mist, vapor or dust is generated.

Environmental Precautions:

Do not allow material to be released to the environment without proper governmental permits.

Methods for Containment and Cleaning up:

If uncontaminated, recover and reuse as product. Consult with environmental regulatory agencies for acceptable disposal procedures. Consult with environmental regulatory agencies for acceptable disposal procedures if product cannot be recovered and reused.

SECTION 7 Handling and Storage

Handling (technical measures, precautions, safe handling material):

Handle in well ventilated area.

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.

SECTION 8 Exposure Controls/Personal Protection

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.

SECTION 9 **Physical and Chemical Properties**

Solubility: Neither inks nor plastic films are soluble in water.

Appearance and smell: products from the ink resin coated on plastic film, wrapped in paper core.

Melting point / freezing

point: $75^{\circ}\text{C} \pm 3^{\circ}\text{C}$ Evaporation rate: None

Flammability (solid, gas): In case of fire, combustible high

fever Partition coefficient: None

SECTION 10 **Stability and Reactivity**

Stability: Stable

Conditions to Avoid: None

Incompatibility (materials to avoid): None known.

Hazardous Polymerization: Will not occur.

SECTION 11 **Toxicological Information**

Acute Toxicity

Acute Oral Toxicity : No data

Acute Dermal Toxicity : No data

Acute Inhalation Toxicity : No data

SECTION 12 **Ecological Information**

Ecotoxicity: None

Persistence and degradability: None

Bioaccumulation: not known in bioaccumulation

Mobility in soil and other adverse effects: None

SECTION 13 **Disposal Considerations**

Waste Disposal Method: Dispose of product in accordance with local, state, and federal regulations.

SECTION 14 **Transport Information**

Highway / Railway: no limit.

Marine: no limit.

Cargo: no limit.

SECTION 15 **Regulatory Information**

No list of substances.

SECTION 16

Other Information

None

DISCLAIMER:

The information contained herein is based on the current knowledge.

This Safety Data Sheet is intended to describe our products in correctness of safety requirements.

It should not therefore be construed as guaranteeing specific properties.

The data applies to only usual handling.

Date Prepared: 2019/1/25