

Safety Data Sheet (SDS)

according to Regulation (EC) No 1907/2006 (REACH)

Section 1: Identification of the substance/mixture and of the company/undertaking

Product name: **M295HD**
Product use: Ink Ribbon for Thermal Transfer Printer
Appearance: Rolled film (Solid)
Manufacturer: Dai Nippon Printing Co., Ltd.
Imaging Communications Operations
Address: 1-14-1, Ichigaya-Tamachi, Shinjuku-ku, Tokyo, 162-8001 Japan
Telephone number: +81-3-6735-6229
Emergency phone number: +81-3-6735-6229 (Only available during office hours: 9:00 – 18:00 JST)

Section 2: Hazards identification

Classification according to Regulation (EC) No 1272/2008 (CLP)

Physical hazards: Not classified
Health hazards: Not classified
Environmental hazards: Not classified

Label elements according to Regulation (EC) No 1272/2008 (CLP)

Hazard pictograms: Not applicable
Signal word: Not applicable
Hazard statement: Not applicable
Precautionary statement: Not applicable

Section 3: Composition/information on ingredients

Composition of Product

Component	CAS No.	wt%
Polyethylene-terephthalate (PET)	25038-59-9	75~85
Waxes	Confidential	1~10
Synthetic resins	Confidential	1~10
Carbon black	1333-86-4	1~10
Paraffin wax	8002-74-2	1~3
Additives	Confidential	1~3

Section 4: First-aid measures

Eye:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and seek medical attention if irritation persists.
Ingestion:	If material is swallowed, get immediate medical attention or advice. If choking, remove obstruction from passageway and seek immediate medical attention. DO NOT induce vomiting unless instructed to do so by medical personnel.
Inhalation:	As supplied, product is a solid and would not in practice, be inhaled. However, inhalation hazards become more acute if exposure to airborne powder or dust is caused by excessive cutting or abrading. If difficulty in breathing or respiratory irritation occurs, move person to fresh air. If irritation persists, seek medical attention.
Skin:	Not skin sensitive if used under normal conditions and as recommended. If irritation persists, seek medical attention.

Section 5: Fire fighting measures

Extinguishing media:	Use alcohol foam, carbon dioxide, dry chemical powder or water spray when fighting fires involving this material.
Fire fighting instructions:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Combustion products:	Thermal decomposition generates carbon oxides and irritating volatile organic compounds.

Section 6: Accidental release measures

Clean-up Procedure:	Safely collect material and place in proper disposal container. Wash walking surface with detergent and water to reduce slipping hazard.
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Section 7: Handling and storage

Handling:	As supplied this product is inert. If the ink adheres to the hand, wash with soap. When handling heavy product, be aware of the injury from falling or dropping of the product.
Storage:	Keep away from heat and flame. Keep in a cool and dry place. Protect from sunlight. Keep out of the reach of children. Good general ventilation is recommended.

Section 8: Exposure controls/personal protection

Eye/Face Protection:	Not required with expected use.
Skin and Body Protection:	Not required with expected use.
Respiratory Protection:	Not required with expected use.

Section 9: Physical and chemical properties

Appearance/Physical state:	Solid ink coated on base film
Color:	Black
Odor:	Paraffinic
pH:	No data available
Melting point/Freezing point:	over 70° C (Ink layer)
Boiling point:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	Slightly flammable when exposed to heat or flame
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	approx. 1.3
Solubility:	Water: Insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

Section 10: Stability and reactivity

Reactivity:	This material is considered to be non-reactive under normal conditions of use.
Chemical stability:	Stable
Possibility of hazardous reactions:	Not expected to occur with normal handling and storage.
Incompatible materials:	No information available.
Hazardous decomposition products:	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

Section 11: Toxicological information

No acute or chronic toxicological effects are expected.

Section 12: Ecological information

Ecotoxicity:	No information available
Persistence and degradability:	This product is not biodegradable

Section 13: Disposal considerations

As local regulations may vary, all waste must be disposed/recycled/reclaimed in accordance with federal, state, and local environmental control regulations.

Section 14: Transport information

General Information:	Not classified as hazardous for transport.
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class:	Not classified
Packing group:	Not applicable

Section 15: Regulatory information

Safety, Health and Environmental Regulations/Legislation Specific:

REACH Regulation (1907/2006):	Authorisation:	Not regulated
	Restriction:	Not regulated
	SVHC:	Not contained
Chemical Safety assessment:		

REACH Regulation (1907/2006):	Not required
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Section 16: Other information

Disclaimer: This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable, however, each user should review these recommendations in the specific content of the intended use. Should new information become available regarding this product, DNP will update this safety data sheet as needed.