

MSDS

No:2011010019

PR INR IR40T B/R

Ribbon ink MSDS

Mar 13,2008

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Ribbon Ink for use on 1016000017
Product Type: Ribbon.
Supplier: Union Technology International (MCO) Co., Ltd.
Address: 14-H Nam Kwong Building 223-225 Avenida Dr Rodrigo Rodrigues,
Macao SAR.
Emergency Phone: +853 28 715 020
Information Fax: +853 28 715 923

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%
Tail Oil, Ethyoxylated	65071-95-6	15-40
Distillates(Petroleum), Hydrotreated heavy naphthenic	64742-52-5	20-30
Barium lithol red, C.I. pigment Red 49	1103-38-4	5-15
C.I. pigment red 53:1	5160-02-1	5-15

3. HAZARDS IDENTIFICATION

Inhalation: N.A.
Eye Contact: May cause an irritation.
Skin Contact: Prolonged or repeated skin contact can cause irritation.
Ingestion: May cause diarrhea if significant quantities are ingested.

4. FIRST AID MEASURE

Inhalation: N.A.
Eye Contact: Flush eyes with large amount of water for at least 5 minutes. Get medical attention if needed.
Skin Contact: Wash affected area with soap and water immediately. Get medical attention if needed.
Ingestion: N.A.

5. FIRE FIGHTING MEASURES

Flash Point: Over 360°F
Flammable Limits: N.A.
Extinguish Media: Use water fog, foam, CO₂ or dry chemical to extinguish NFPA Class II liquid fires.
Special Fire Fighting Procedures: Treat as oil fire. Water spray may cool closed containers to prevent pressure buildup and possible autoignition on exposure to extreme heat.
Unusual fire and explosion hazards: Keep contains tightly closed. Isolate from heat, sparks and flame.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if spilled:

Spills should be contained, solidified, and placed in suitable container for disposal in a RCRA licensed facility. This substance may be RCRA hazardous due to presence of barium. Prior to disposal, a representative sample of this material should be tested using TCLP guidelines.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storing:

In accordance with good industrial work practice, handle with care, avoid spills, unnecessary contact, and wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protections:	N.A.
Ventilation:	Mechanical ventilation is acceptable.
Eye Protection:	Safety goggles or glasses with side shields.
Protective Clothing:	Protective gloves are required for prolonged or repeated contact.
Other Protective Equipment:	N.A.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Viscous liquid with faint aromatic.
Boiling/Melting Point:	N.A.
Vapor Pressure:	N.A.
Solubility in Water:	Insoluble
Specific Gravity (H ₂ O=1):	0.95
Volume% Volatile:	N.A.

10. STABILITY & REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Excessive heat, sparks, or open flame.
Incompatibility (Materials to Avoid):	Strong chemical oxidizing agents.
Hazardous Decomposition or Byproducts:	Thermal decomposition products may release oxides of carbon and nitrogen.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	N.A.

11. TOXICOLOGICAL INFORMATION

No Data Given.

12. ECOLOGICAL INFORMATION

No Data Given.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Landfill or incinerate in accordance with applicable local, state, and federal environmental regulations.

14. TRANSPORTATION INFORMATION

Not regulated article under RID/ADR, IMDG and ICAO/IATA

15. REGULATORY INFORMATION

OSHA Status:	Product not tested. But is considered to be of relatively low toxicity.
TSCA Status:	This product meets the requirements of the Toxic Substances Control Act.
Sara Title III:	Product not listed. SARA listed ingredients at or above De Minim is reporting levels are noted in paragraph 2, if any.
RCRA Hazardous Waste Number/Status:	If discarded in its purchased form, this product would not be a federal hazardous waste either by listing or by characteristic. States, however, often have stricter criteria. Users should check with their state regulatory agencies for current hazardous waste criteria. Under RCRA it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40CFR261.20-24).

16. OTHER INFORMATION

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. This information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Union Technology International (MCO) Co., Ltd. makes no warranty, express or implied, as to the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and/or compliance with federal, state, and local laws and regulations.