

THIS MATERIAL SAFETY DATA SHEET CONFORMS TO THE REQUIREMENTS OF ANSI Z400.1.
THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (OSHA HAZARD COMMUNICATION STANDARD).
IMPORTANT: READ THIS MSDS BEFORE HANDLING OR DISPOSING OF THIS PRODUCT.

SECTION I – PRODUCT & COMPANY IDENTIFICATION

MANUFACTURER Hitachi America, Ltd.
50 Prospect Avenue
Tarrytown, NY 10591

PRODUCT NAME JP-Y307- FT Printing Ink

MATERIAL USES Industrial coding applications; Ink Jet Printers

PRODUCT CODE N/A

NON-EMERGENCY PHONE (914) 524-6685

EMERGENCY PHONE CHEMTREC (800) 424-9300

SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS#	PERCENT RANGE (%)
2-Butanone	78-93-3	40-90
1-Methoxy-2-propyl acetate	108-65-6	5-10

SECTION III - HAZARDS IDENTIFICATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

HEALTH	1	FLAMMABILITY	3	REACTIVITY	0	PERSONAL PROTECTION	B
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NOTICE: THESE RATINGS ARE FOR GENERAL RAPID INTERPRETATION. THE END-USER IS RESPONSIBLE FOR DETERMINING THE PROPER PROTECTIVE PROCEDURES.

EMERGENCY OVERVIEW **Warning! Flammable Liquid and Vapor.** Skin, Eye and Mucous Membrane Irritant. Do not use near fire or flame. May be fatal or cause blindness if swallowed. Avoid contact with skin, eyes and mucous membranes. If skin contact occurs, wash skin with mild soap and water. If splashed in eyes, flush with water. If inhaled, remove to fresh air. In medical emergency contact Poison Control Center (USA 800.222.1222). Read MSDS before using.

EXPOSURE EFFECTS AND RELATED SYMPTOMS

2-BUTANONE Minor embryotoxic/fetotoxic effects have been observed in laboratory rats exposed to 2-butanone by inhalation at levels greater than 1000 ppm (5 times the OSHA-PEL/TWA) for most of the gestation period. 2-Butanone may potentiate (shorten the time of onset) peripheral neuropathy, but 2-butanone, by itself, has not been shown to cause peripheral neuropathy.

1-METHOXY-2-PROPYL ACETATE Moderately toxic by intraperitoneal route. Slightly toxic by ingestion and skin contact.

RISK STATEMENTS

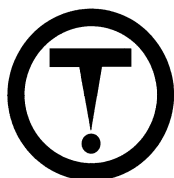
R11 Highly Flammable
R39/23/24/25 Toxic: Danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
R36 Irritating to eyes
R66 Repeated exposure may cause skin dryness or cracking

SAFETY STATEMENTS

S2 Keep out of reach of children
S7 Keep container tightly closed
S9 Keep container in a well ventilated place
S16 Keep away from sources of ignition - No Smoking!
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)



F - Highly Flammable



T - Toxic

SECTION X - STABILITY & REACTIVITY

CONDITION OF INSTABILITY	None Known
CONDITIONS OF REACTIVITY	Not applicable
INCOMPATIBILITY	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon Monoxide, Carbon Dioxide
EXPLOSION DATA (SENSITIVE TO MECHANICAL IMPACT)	No
EXPLOSION DATA (SENSITIVE TO STATIC DISCHARGE)	Yes

SECTION XI - TOXICOLOGICAL INFORMATION

INGREDIENT	TOXICOLOGICAL INFORMATION**
2-Butanone	LD ₅₀ Oral (rat) - 2737 mg / kg LC ₅₀ Inhalation (rat) - 23,500 mg / m ³ / 8 hr LD ₅₀ Intraperitoneal (rat) - 607 mg / kg LD ₅₀ Skin (rabbit) - 6480 mg / kg LD _{Lo} Intraperitoneal (guinea pig) - 2 g / kg
1-Methoxy-2-propyl acetate	LD ₅₀ Oral (rat) - 8532 mg / kg LD ₅₀ Intraperitoneal (mouse) - 750 mg / kg LD ₅₀ Skin (rabbit) - > 5 g / kg

SECTION XII - ECOLOGICAL INFORMATION

ECOTOXICITY	Not Available
PERSISTANCE / DEGRADABILITY	Not Available
HEAVY METALS	Concentration of lead, mercury, cadmium and hexavalent chromium [Cr(VI)] < 100 ppm No other ecological information is available for this product.

SECTION XIII - DISPOSAL CONSIDERATIONS

Absorb in vermiculite, floor absorbent or other non-combustible absorbent material and dispose in licensed facility. Observe all federal, state and local regulations.

SECTION XIV - TRANSPORT INFORMATION

DOT / TDG UN NUMBER & PROPER SHIPPING NAME	UN1210 PRINTING INK
DOT / TDG HAZARD CLASS	3
DOT / TDG LABEL	FLAMMABLE LIQUID
PACKING GROUP	II
EMERGENCY RESPONSE GUIDEBOOK NUMBER	129

SECTION XV - REGULATORY INFORMATION

TSCA	All chemicals used are listed on the TSCA Inventory.
CERCLA	The following product(s) is (are) listed by CERCLA: 2-Butanone
SARA 313	The following product(s) is (are) listed on SARA 313: 2-Butanone
California Prop 65	This product contains the following ingredients that the State of California has found to cause cancer, birth defects, or other reproductive harm, which requires a warning under the statute: None
International Regulations	The components of this product are listed on the chemical inventories of the following countries: Australia, Canada, Europe (EINECS), Japan, Korea, United Kingdom

SECTION XVI - OTHER INFORMATION

ISSUE DATE September 2010

REVISION NUMBER 0
SUPERCEDES N/A
PREPARED BY Christopher Jordan,
Product Specialist

DISCLAIMER

Every effort has been made to ensure that the information in this MSDS is accurate and as complete as reasonably possible and of course all data herein are given in good faith. However, all information is furnished without warranty of any kind, and Hitachi America, Ltd. expressly negates any warranty of accuracy, expressed or implied; and Hitachi America, Ltd. assumes no responsibility for personal injury or damage to property to customers, vendors, or third parties if any information herein proves to be incorrect in any respect. Purchasers are encouraged to make independent determination of suitability and completeness of information from all sources to assure proper use and compatibility of product.

*NIOSH Publication #94-116

**Sax's Dangerous Properties of Industrial Mtls. 10th Ed.