

MATERIAL SAFETY DATA SHEET

Emergency Telephone: 800-551-3087

Section 1: Chemical Product and Company Information

Identity:	Orange Ink Type VI	MSDS No.	CP- 428
Product ID:	480-0214	Issued:	10/19/2006
Synonyms		Supersedes:	11/15/2004
& Common		Date:	10/19/2006
Names:	Orange Ink LDD145, LDD245 Digital Duplicator Ink Orange Type VI	Prepared by:	EH&S Department 770-496-9500
Uses:	Lanier LDD145, LDD245	Approved by:	Larry Choskey, H&S Manager
Chemical			
Formula:	Mixture		

Section 2: Composition / Information on Ingredients

	PERCENT	CAS No.	EXPOSURE LIMITS	SOURCE
Petroleum solvent	9 – 13	Confidential	Not listed	N/a
Ethylene glycol	8 – 12	107-21-1	100 mg/m ³ 100 mg/m ³	ACGIH TWA ACGIH STEL
Petroleum solvent	5 – 9	64742-71-8	Not listed	N/a
Sorbitan oleate	2 – 6	1338-43-8	Not listed	N/a
Water	56 – 76	7732-18-5	Not listed	N/a
Naptha hydrotreated heavy	1 – 3	Confidential	Not listed	N/a

Section 3: Hazards Identification

HMIS Rating:
FLAMMABILITY = 1
REACTIVITY = 0

HEALTH = 1
SPECIAL = none

Primary entry routes: Skin, ingestion

Medical condition aggravated by long-term exposure: Not applicable.

Chronic effects: No data is available on this product.

Carcinogenicity: This product does not contain the carcinogenic substances which are listed in NTP, IARC and are regulated by OSHA.

Section 4: First Aid Measures

Inhalation:	Not applicable	Eye Contact:	In case of contact, immediately flush eyes with water for 15 minutes. Get medical attention if needed.
Skin Contact:	Wash with soap and water.	Ingestion:	Induce vomiting after drinking tepid water. Get medical attention.

Section 5: Fire Fighting Measures

Suitable extinguishing media: CO₂, dry chemical, foam or water.

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

Autoignition temperature: 420°C (788°F)

Special protective equipment for fire fighters: none
UEL: n/a LEL: n/a

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Section 6: Accidental Release Measures

Spill / leak Procedures: If spilled, wipe up with paper or cloth. Remove residue with soap and cold water.
Miscellaneous: Keep product out of sewers and watercourses. Remove contaminated clothing and launder or dry clean before wearing.

Section 7: Handling and Storage

Handling Precautions: Keep out of reach of children.
Storage Requirements: Keep away from heat, open flame and sparks

Section 8: Exposure Control and Personal Protection Information:

Respiratory Protection: none required under normal use. Ventilation: None required under normal use.
Protective Clothing / Equipment: None required under normal use.

Section 9: Physical and Chemical Properties

CHARACTERISTICS:

Appearance:	Orange	Melting point:	N/a
Form:	Paste	Vapor pressure:	N/a
Odor:	No strong odor	Vapor density:	N/a
Solubility in Water:	Insoluble	Evaporation rate:	N/a
Specific gravity:	N/a	Boiling point:	N/a
Density:	1.0 g/cm ³		

Section 10: Stability and Reactivity

Conditions to avoid: Not applicable in normal use. Polymerization: None
Hazardous decomposition products: Will not occur

Section 11: Toxicological Information:

Ames test: Negative Teratogenicity: no data
Acute oral toxicity: LD 50(Rat): >5000mg/kg
Special effects: Carcinogenicity: No data is available on this product.

Section 12: Environmental / Ecological Information

Environmental Degradation: Not known

Section 13: Disposal Consideration

Used product should be disposed of in an environmentally appropriate manner.

Section 14: Transportation Information

International regulations:			
RID/ADR	Not applicable	ICAO-TI/ATA-DGR	Not applicable
DOT 49 CFR	Not applicable	UN Classification Number	Not applicable
ADNR	Not applicable	IMDG Code	Not applicable

Product Label: Digital Duplicator Ink Orange Type VI

Information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. On the basis of the data available to us, this product is not a dangerous substance. One should, however, observe the usual precautionary measures for dealing with chemicals.

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Section 15: Regulatory Information

Regulation:

Canadian Disclosure List: Ethylene Glycol (107-21-1)

SARA Title III – Section 313: Ethylene Glycol (107-21-1)

Title V: Ethylene Glycol (107-21-1)

SC Toxic Air Pollutants List: Ethylene Glycol (107-21-1)

Section 16: Miscellaneous Information

Judgment as to the suitability of information contained herein for user's purposes is the responsibility of the purchaser. Therefore, although reasonable care has been taken in the preparation of this information, Lanier Worldwide, Inc. extends no warranties, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information for application to user's intended purposes or for consequences of its use. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards that exist.

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