

80232D – RED

MATERIAL SAFETY DATA SHEET

MSDS Name: DPI-55/24 RED INK
MSDS Number: 80232D
Version Number
MSDS Date: 09282006
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SECTION I – PRODUCT IDENTIFICATION

Product Name: DPI-55/24 RED INK
CAS Number: MIXTURE
Hazard Rating: Health: 2 Fire: 3 Reactivity: 1 PPI: B

Company Identification: DELL MARKING SYSTEMS, INC
721 WANDA AVENUE
FERNDALE MI 48220

Contact: CHEMTREC
Telephone/Fax: (248) 547-7750 (248) 544-9115
Emergency Phone (24 Hour): CHEMTREC
1-800-424-9300
Chemtrec (24 Hour): 1-800-424-9300

Product Class: DPI-55/24
Trade Name: DPI-55/24 RED INK
Product Code: 80232D
DOT Hazard Class: FLAMMABLE LIQUID
UN Number: UN1210
Shipping Name: INK
Technical Name:
Shipping Description: 3, UN1210, PG II

SECTION II – HAZARD INGREDIENTS

Ingredient Name	CAS NUMBER	PERCENT	TSCA	VP(mm Hg)
*2-(2-BUTOXYETHOXY)ETHANOL	112-34-5	20-50	Y	.02
ETHYL ALCOHOL	64-17-5	20-50	Y	43
*2-PROPOXYETHANOL	2807-30-9	5-20	Y	1.3
*TOLUENE	108-88-3	5-20	Y	22
ETHEL ACETATE	141-78-6	1-5	Y	86
RESIN	9004-70-0	1-5	Y	N/A

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ISOPROPANOL	67-63-0	1-5	Y	96
LOW AROMATIC NAPHTHA	8032-32-4	1-5	Y	5.2
N-BUTYL ACETATE	123-86-4	1-5	Y	10
*XYLENE	1330-20-7	1-5	Y	6.6
*METHYL ISOBUTYL KETONE	108-10-1	1-5	Y	15
MO. Orange(*Pb, *Cr, *Mo, *Sb)	12656-85-8	1-5	Y	N/AP
*METHYL ETHYL KETONE	78-93-3	<1	Y	70.9
*METHYL ISOBUTYL KETONE	108-10-1	<1	Y	16

*** ALL Ingredients in this product are listed in the T.S.C.A. Inventory

* Indicates a Chemical subject to SARA Title III, section 313 release reporting (EPA Regulation 40 CFR 372).

Carcinogenicity Classification:

IARC: not listed
ACGIH: not listed

NTP (USA): not listed
OSHA (USA): not listed

Molybdate Orange contains: CAS# 7558-97-6 Lead Chromate (as Cr) (CAS#7440-47-3 Chromium Compound*)

N.E. = Not Established

Lead Chromate is a ACGIH suspect carcinogen and NTP human carcinogen.

SECTION III – PHYSICAL DATA

Form: THIN RED LIQUID WITH SOLVENT ODOR
pH Value: NA
Boiling Range: 171.0°F – 442.4°F (77.22°C – 228.0°C)
Melting Point: NA
Evaporation Rate: Faster than n-Butyl Acetate
Vapor Density: Heavier than air
% Volatile Weight: 83.81%
% Volatile (Volume): 89.36%

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Specific Gravity: .92352

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flammability Class 1B
Flash Range: 23.0°F – 212.0°F (-5.0°C – 100.0°C)
LEL / UEL: 0.85%
24.6%

EXTINGUISHING MEDIA:

SPECIAL FIREFIGHTING PROCEDURES:

UNUSUAL FIRE & EXPLOSION HAZARDS:

SECTION V – HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL:

EFFECTS OF OVEREXPOSURE:

FIRST AID:

Ingestion of as little as 10 ml of Isopropanol may cause serious injury, while ingestion of 100 ml can be fatal. The single lethal dose for an adult is approximately 250 ml. FOR INGESTION OF ISOPROPONAL: Give victim milk or water. Induce vomiting by sticking finger to back of throat. Contact a physician or POISON CONTROL CENTER.

SECTION VI – REACTIVITY DATA

Stability: This product is stable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Incompatibility:

Anhydrous Neosol reacts with aluminum at high temperatures.

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CONDITIONS TO AVOID:

HAZARDOUS DECOMPOSITION PRODUCTS:

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WASTE DISPOSAL METHOD:

The reportable quantity for Toluene is 1000 lbs.
 The hazardous waste number for Toluene is U220.
 The hazardous waste number for isopropanol is D001.
 There are no reportable quantities listed for isopropanol.
 The reportable quantity for N-Butyl Acetate is 5000 lbs.
 The hazardous waste number for N-Butyl Acetate is D001.
 There are no hazardous waste numbers listed for 2-(2-butoxyethoxy)ethanol.
 There are no reportable quantities listed for 2-(2-butoxyethoxy)ethanol.
 There are no hazardous waste numbers listed for 2-propoxyethanol.
 There are no reportable quantities listed for 2-propoxyethanol.
 The reportable quantity for Methyl Ethyl Ketone is 5000 lbs.
 There is no hazardous waste number indicated for Methyl Ethyl Ketone.
 The reportable quantity for Methyl Isobutyl Ketone is 5000 lbs.
 The hazardous waste number for Methyl Isobutyl Ketone is U161.
 The reportable quantity for Xylene is 1000 lbs.
 The hazardous waste number for Xylene is U239.
 The hazardous waste number for Anhydrous Neosol is D001.
 The reportable quantity for Ethyl Acetate is 5000 lbs.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Occupational Exposure Limits

	ACGIH TLV	ACGIH STEL	OSHA STEL	OSHA PEL
*2-(2-BUTOXYETHOXY)ETHANOL	N/est	N/est	N/est	N/est
ETHYL ALCOHOL	1000 PPM	N/est	N/est	1000 PPM
*2-PROPOXYETHANOL	N/est	N/est	N/est	N/est

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*TOLUENE	50 PPM	150 PPM	150 PPM	100 PPM
ETHYL ACETATE	400 PPM	N/est	N/est	400 PPM
RESIN	N/est	N/est	N/est	N/est
ISOPROPANOL	400 PPM	500 PPM	500 PPM	400 PPM
LOW AROMATIC NAPHTHA	300 PPM	N/est	N/est	300 PPM
N-BUTYL ACETATE	150 PPM	200 PPM	200 PPM	150 PPM
*XYLENE	100 PPM	150 PPM	150 PPM	100 PPM
*METHYL ISOBUTYL KETONE	50 PPM	75 PPM	75 PPM	50 PPM
MO. Orange(*Pb, *Cr, *Mo, *Sb)	.05 mg/M3	.05 mg/M3	N/est	.05 mg/M3
*METHYL ETHYL KETONE	200 PPM	300 PPM	300 PPM	200 PPM

RESPIRATORY PROTECTION:

VENTILLATION:

PROTECTIVE GLOVES:

The recommended gloves for isoproponal are nitrile, neoprene, or natural rubber.
The recommended gloves for Anhydrous Neosol is nitrile.

EYE PROTECTION:

OTHER PROTECTIVE EQUIPMENT:

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

OTHER PRECAUTIONS:

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SECTION X – ADDITIONAL REGULATORY INFORMATION

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act and of 1986 and of 40 CFR 372:

Ingredient Name	CAS Number	Percent
*2-PROPOXYETHANOL	2807-30-9	5-20
*TOLUENE	108-88-3	5-20
*METHYL ISOBUTYL KETONE	108-10-1	1-5
*METHYL ETHYL KETONE	78-93-3	<1

- PROP 65 (CARCINOGEN)

WARNING: This product contains a chemical known to the state of California to cause cancer.

Ingredient Name	CAS Number	Percent
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NONE

PROP 65 (TERATOGEN)

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

Ingredient Name	CAS Number	Percent
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NONE

-PROP 65 (BOTH CARCINOGEN AND TERATOGEN)

WARNING: This product contains a chemical known to the state of California to cause cancer or birth defects or other reproductive harm.

Ingredient Name	CAS Number	Percent
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NONE

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