



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Identification of the preparation 480IX1286

Synonym(s) HP Scitex DR100 Supreme Lemon Yellow Ink

Product use Inkjet printing

Version # 04

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Company identification Hewlett-Packard Company
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2. Hazards Identification

Acute health effects

Skin contact Harmful if absorbed through the skin.

Inhalation Harmful if inhaled.

3. Composition / Information on Ingredients

Components	CAS #	Percent
2-Butoxyethyl acetate	112-07-2	50 - 60
2-methoxy-1-methylethylacetate	108-65-6	10 - 15
Butyl carbitol acetate	124-17-4	10 - 15
High Molecular Weight Copolymer	Mixture	2.5 - 5
Vinyl chloride-vinyl acetate copolymer	Proprietary	2.5 - 5
Yellow Pigment	Proprietary	2.5 - 5
Acrylic Polymer	No Data	1 - 2.5

4. First Aid Measures

First aid procedures

Eye contact In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.

Skin contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists get medical attention. Remove and isolate contaminated clothing and shoes. Thoroughly wash (or discard) clothing and shoes before reuse.

Inhalation Move to fresh air. If symptoms persist, get medical attention.

Ingestion If swallowed, seek medical advice immediately and show this container or label.

Notes to physician Treat symptomatically.

5. Fire Fighting Measures

Flammable properties None known.

Extinguishing media

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

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Protection of firefighters

Protective equipment and precautions for firefighters Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products Carbon monoxide and carbon dioxide.

6. Accidental Release Measures

Personal precautions Ensure adequate ventilation.

Methods for cleaning up Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Other information Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

7. Handling and Storage

Handling Avoid breathing vapors or mists of this product. Avoid contact with skin, eyes and clothing. Do not taste or swallow. Keep away from heat, sparks and open flame - No smoking. Use only with adequate ventilation. Wash thoroughly after handling.

Storage Store in accordance with local/regional/national/international regulation. Keep in a well-ventilated place. Keep container closed when not in use.

8. Exposure Controls / Personal Protection

Occupational exposure limits

ACGIH

Components	Type	Value
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2-Butoxyethyl acetate (112-07-2)	TWA	20.0000 ppm
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U.S. - WEEL

Components	Type	Value
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2-methoxy-1-methylethylacetate (108-65-6)	TWA	50.0000 ppm
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Exposure guidelines None established.

Engineering controls Use in a well ventilated area.
Ensure adequate ventilation, especially in confined areas. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

Personal protective equipment

Eye / face protection Avoid contact with eyes
Wear safety glasses; chemical goggles (if splashing is possible).

Skin protection Use personal protective equipment to minimize exposure to skin and eye.

General hygiene considerations Keep away from food and drink. Wash hands before breaks and at the end of workday.

9. Physical & Chemical Properties

Appearance Liquid.

Color Yellow

Odor Not available.

Odor threshold Not available.

Physical state Liquid

Form Not available.

pH Not available.

Melting point	Not available.
Freezing point	Not available.
Boiling point	Not available.
Flash point	172.4 °F (78 °C) Setaflash Closed Tester
Evaporation rate	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not determined.
Vapor density	Not available.
Specific gravity	Not available.
Relative density	Not available.
Solubility (water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
VOC	< 883 g/L
Other information	VOC content (less water, less exempt compounds) = < 883 g/L (U.S. requirement, not for emissions)

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions
Incompatible materials	strong oxidizing agents Strong acids and strong alkalis. oxidizing agents
Hazardous decomposition products	None known.
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Carcinogenicity

ACGIH Carcinogens

2-Butoxyethyl acetate (CAS 112-07-2)	A3 Confirmed animal carcinogen with unknown relevance to humans.
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IARC Monographs. Overall Evaluation of Carcinogenicity

Vinyl chloride-vinyl acetate copolymer (CAS Proprietary)	3 Not classifiable as to carcinogenicity to humans.
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IARC Monographs: Evidence of carcinogenicity in humans

Vinyl chloride-vinyl acetate copolymer (CAS Proprietary)	No data.
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Toxicological information	Complete toxicity data are not available for this specific formulation
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Serious eye damage/eye irritation	Not available.
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Skin sensitization	Not available.
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Symptoms and target organs

Target Organs (NIOSH)

2-Butoxyethyl acetate (CAS 112-07-2)	Blood Central Nervous System Eyes Hemato system Kidneys Liver Lymphoid system Respiratory system Skin
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12. Ecological Information

Ecotoxicity	This product has not been tested for ecological effects.
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Persistence and degradability	Not available.
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13. Disposal Considerations

Disposal instructions Do not dispose of together with general office waste.
Do not allow this material to drain into sewers/water supplies.
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.
Ensure collection and disposal with an appropriately licensed waste contractor.

14. Transport Information

DOT

Basic shipping requirements:

UN number NA1993
Proper shipping name Combustible liquid n.o.s. (2-methoxy-1-methylethyl acetate) -Not regulated in quantities less than 119 gallons
Hazard class Combustible
Packing group III
Additional information:
ERG number 128

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

CERCLA (Superfund) reportable quantity

None

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Regulatory information Notified according to EU Regulations.

16. Other Information

Other information This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

HMIS® ratings Health: 2
Flammability: 2
Physical hazard: 1

NFPA ratings Health: 2
Flammability: 2
Instability: 1

Disclaimer

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Manufacturer information

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Explanation of abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CFR	Code of Federal Regulations
COC	Cleveland Open Cup
DOT	Department of Transportation
EPCRA	Emergency Planning and Community Right-to-Know Act (aka SARA)
IARC	International Agency for Research on Cancer
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
REC	Recommended
REL	Recommended Exposure Limit
SARA	Superfund Amendments and Reauthorization Act of 1986
STEL	Short-Term Exposure Limit
TCLP	Toxicity Characteristics Leaching Procedure
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
VOC	Volatile Organic Compounds