



SAFETY DATA SHEET

1. Product and company identification

Product name CD403 Series
Synonyms HP DS100 Specialty Textile Light Cyan Scitex Ink
Recommended use and Limitations on use
Recommended use Inkjet printing
Issue date 29-Aug-2014
Revision date 14-Mar-2017
Version # 02
Company identification HP Taiwan Information Technology Ltd.
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2. Hazards identification

Hazard classification
Physical hazards Not classified.
Health hazards Not classified.
Environmental hazards Not classified.

Label elements

Symbols



Signal word Warning

Hazard statement Combustible liquid. Harmful in contact with skin.

Precautionary statement

Prevention P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response P370 + P378 - In case of fire: Use sand, carbon dioxide (CO₂) or dry chemical to extinguish.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P312 - Call a POISON CENTER/doctor/physician if you feel unwell.
P363 - Wash contaminated clothing before reuse.

Storage P403 + P235 - Store in a well-ventilated place. Keep cool.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

3. Composition/information on ingredients

Substance or mixture Mixture

Components	CAS #	Percent
Ethylene Glycol, Monobutyl Ether Acetate	112-07-2	<100
Ethylacetate	141-78-6	<2.5

4. First aid measures

First aid measures for different exposure routes

Inhalation	Move to fresh air. If symptoms persist, 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.
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.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.
Most important symptoms and effects	Not available.
Personal protection for first-aid responders	Not available.
Notes to physician	Treat symptomatically.

5. Fire-fighting measures

Flash point	> 145.0 °F (> 62.8 °C) Closed Cup
Extinguishing media	CO ₂ , water, dry chemical, or foam
Extinguishing media to avoid	Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.
Specific hazards during fire fighting	Not available.
Special fire fighting procedures	Firefighters should wear full protective clothing including self contained breathing apparatus.
Protection of fire-fighters	None.
Specific methods	Water mist may be used to cool closed containers.

6. Accidental release measures

Personal precautions	Not available.
Environmental precautions	Not available.
Spill cleanup methods	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	Dispose of in compliance with federal, state, and local regulations.

7. Handling and storage

Handling	
Technical measures	Wear personal protective equipment.
Precautions	Not available.
Safe handling advice	Use this product with adequate ventilation. Avoid breathing vapors or mists of this product. Avoid contact with skin, eyes and clothing.
Storage	
Technical measures	Keep away from heat, sparks and open flame. Keep containers tightly closed in a dry, cool and well-ventilated place.
Suitable storage conditions	Not available.
Incompatible materials	Not available.

8. Exposure controls/personal protection

Exposure limits

Taiwan. OELs. (Standards on Workplace Atmosphere of Dangerous and Hazardous Materials)

Components	Type	Value
Ethylacetate (CAS 141-78-6)	TWA	1440 mg/m ³ 400 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Ethylacetate (CAS 141-78-6)	TWA	400 ppm
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	TWA	20 ppm

Biological limit values	No biological exposure limits noted for the ingredient(s).
Engineering measures	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	
Respiratory protection	Not available.
Hand protection	Recommended gloves: Nitrile 6 mil minimum thickness.
Eye protection	Avoid contact with eyes Wear safety glasses; chemical goggles (if splashing is possible).
Skin and body protection	Use personal protective equipment to minimize exposure to skin and eye.
Hygiene measures	Not available.
Exposure guidelines	None established.

9. Physical and chemical properties

Appearance	
Physical state	Not available.
Color	Light Cyan
Odor	Not available.
pH	Not applicable.
Melting point/freezing point	Not determined.
Boiling point, initial boiling point, and boiling range	Not determined.
Flash point	> 145.0 °F (> 62.8 °C) Closed Cup
Flammability (solid, gas)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not determined.
Solubility(ies)	
Solubility (water)	Not available.
Decomposition temperature	Not available.
Other data	
Specific gravity	0.94 @ 20 Degrees C
VOC (Weight %)	< 850 g/L

10. Stability and reactivity

Stability	Stable at normal conditions
Conditions to avoid	None.
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

Acute toxicity	Harmful in contact with skin.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory sensitizer Based on available data, the classification criteria are not met.

Skin sensitizer Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

ACGIH Carcinogens

Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2) A3 Confirmed animal carcinogen with unknown relevance to humans.

Toxic to reproduction Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

Other information Complete toxicity data are not available for this specific formulation

Components	Species	Test Results
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Ethylacetate (CAS 141-78-6)

Acute

Inhalation

LC50	Rat	16000 ppm, 6 Hours
LD50	Mouse	1500 ppm, 4 Hours
	Rabbit	2500 ppm, 4 Hours
	Rat	4000 ppm, 4 Hours

Oral

LD50	Mouse	0.44 g/kg
	Rabbit	4.9 g/kg
	Rat	11.3 ml/kg
		5.6 g/kg

Other

LD50	Cat	3 g/kg
	Guinea pig	3 g/kg

Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)

Acute

Dermal

LD50	Rabbit	1500 mg/kg
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Inhalation

LC50	Cat	> 460 ppm, 6 Hours
	Guinea pig	> 460 ppm, 6 Hours
	Mouse	> 460 ppm, 6 Hours
	Rabbit	> 460 ppm, 6 Hours
	Rat	> 460 ppm, 6 Hours

Oral

LD100	Rabbit	987 mg/kg
	Mouse	2820 mg/kg
LD50	Rat	1600 mg/kg
		7.46 ml/kg

Components	Species	Test Results
<i>Other</i> LD50	Mouse	754 mg/kg

12. Ecological information

Ecotoxicological data

Components	Species	Test Results
Ethylacetate (CAS 141-78-6)		
Aquatic		
Fish	LC50 Indian catfish (<i>Heteropneustes fossilis</i>)	200.32 - 225.42 mg/l, 96 hours
Ecotoxicity	This product has not been tested for ecological effects.	
Persistence and degradability	Not available.	
Bioaccumulation		
Bioaccumulative potential		
Octanol/water partition coefficient log Kow		
Ethylacetate		0.73
Mobility in soil	Not available.	
Other hazardous effects	Not available.	

13. Disposal considerations

Local disposal regulations	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.
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14. Transport information

DOT	
UN number	NA1993
UN proper shipping name	Combustible liquid n.o.s. (butyl cellosolve acetate) -Not regulated in quantities less than 119 gallons
Transport hazard class(es)	
Class	Combustible
Subsidiary risk	-
Packaging group	III
Special precautions for user	Not available.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
ADR	Not regulated as dangerous goods.

15. Regulatory information

Applicable regulations

Taiwan Hazard - Toxic Materials: Classification

ETHYL ACETATE (CAS 141-78-6) Organic Solvent Toxicant

Methods and Facilities Standards for the Storage, Clearance and Disposal of Industrial Waste

Not listed.

Standards on Workplace Atmosphere of Dangerous and Hazardous Materials

Ethylacetate (CAS 141-78-6) Listed.

Regulations for Governing Prevention of Organic Solvent Poisoning

Ethylacetate (CAS 141-78-6) Type 2 Organic Solvent

GHS Classification List: GHS implementation phase 1 and 2 (CLA No. 0960145703, 0970146313, and 0990146707)

Ethylacetate (CAS 141-78-6)

16. Other information

References	Not available.
Issued by	HP Inc.
Prepared by	HP Chemical Compliance & Toxicology Department
Disclaimer	This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.
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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