



SAFETY DATA SHEET

1. Identification

Product identifier	CD402 Series
Other means of identification	
Synonyms	HP DS100 Specialty Textile Black Scitex Ink
Recommended use	Inkjet printing
Recommended restrictions	None known.
Company identification	HP Inc. 1501 Page Mill Road Palo Alto, CA 94304-1112 United States Telephone 650-857-5020 HP Inc. health effects line (Toll-free within the US) 1-800-457-4209 (Direct) 1-760-710-0048 HP Inc. Customer Care Line (Toll-free within the US) 1-800-474-6836 (Direct) 1-208-323-2551 Email: hpcustomer.inquiries@hp.com

2. Hazard(s) identification

Physical hazards	Flammable liquids	Category 4
Health hazards	Acute toxicity, dermal	Category 4
	Sensitization, skin	Category 1
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	
Label elements		



Signal word	Warning
Hazard statement	Combustible liquid. Harmful in contact with skin. May cause an allergic skin reaction.
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. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
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. P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention. 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.
Hazard(s) not otherwise classified (HNOC)	Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Ethylene Glycol, Monobutyl Ether Acetate		112-07-2	<90
1,4-diaminoanthraquinone		128-95-0	<5
Ethylacetate		141-78-6	<5

4. First-aid measures

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/effects, acute and delayed	Not available.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media	CO2, water, dry chemical, or foam
Unsuitable extinguishing media	Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical	Not applicable.
Special protective equipment and precautions for firefighters	Not available.
Fire-fighting equipment/instructions	Firefighters should wear full protective clothing including self contained breathing apparatus.
Specific methods	Water mist may be used to cool closed containers.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Not available.
Methods and materials for containment and 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).

7. Handling and storage

Precautions for safe handling	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
Conditions for safe storage, including any incompatibilities	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Ethylacetate (CAS 141-78-6)	PEL	1400 mg/m3 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

U.S. - NIOSH Material

Material	Type	Value
CD402 Series	REL	5 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethylacetate (CAS 141-78-6)	TWA	1400 mg/m ³ 400 ppm
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	TWA	33 mg/m ³ 5 ppm

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

9. Physical and chemical properties**Appearance**

Physical state	Not available.
Color	Black.
Odor	Not available.
Odor threshold	Not available.
pH	Not applicable.
Melting point/freezing point	Not determined.
Initial boiling point and boiling range	Not determined.
Flash point	> 145.0 °F (> 62.8 °C) (Closed Cup)
Evaporation rate	Not determined.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not determined.

Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Specific gravity	0.94 @ 20 Degrees C
Other information	For other VOC regulatory data/information see Section 15.
VOC (Weight %)	< 850 g/L

10. Stability and reactivity

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

11. Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics Not available.

Information on toxicological effects

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 or skin sensitization	
Respiratory sensitization	Based on available data, the classification criteria are not met.
Skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	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.
Further information	Complete toxicity data are not available for this specific formulation

Product	Species	Test Results
CD402 Series		
Acute		
<i>Oral</i>		
LD50	Rat	2400 mg/kg

Components	Species	Test Results
Ethylacetate (CAS 141-78-6)		
Acute		
<i>Inhalation</i>		
LC50	Rat	16000 ppm, 6 Hours
LD50	Mouse	1500 ppm, 4 Hours
	Rabbit	2500 ppm, 4 Hours
	Rat	4000 ppm, 4 Hours
<i>Oral</i>		
LD50	Mouse	0.44 g/kg
	Rabbit	4.9 g/kg
	Rat	11.3 ml/kg
		5.6 g/kg
<i>Other</i>		
LD50	Cat	3 g/kg
	Guinea pig	3 g/kg
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	1500 mg/kg
<i>Oral</i>		
LD50	Rat	2400 mg/kg
<i>Other</i>		
LD50	Mouse	754 mg/kg

12. Ecological information

Ecotoxicity

Components	Species	Test Results
Ethylacetate (CAS 141-78-6)		
Aquatic		
Fish	LC50	Indian catfish (Heteropneustes fossilis) 200.32 - 225.42 mg/l, 96 hours
Persistence and degradability	Not available.	
Bioaccumulative potential	Not available.	
Partition coefficient n-octanol / water (log Kow)		
Ethylacetate	0.73	
Mobility in soil	Not available.	
Other adverse effects	Not available.	

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.
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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

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

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Ethylacetate (CAS 141-78-6) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

Other federal regulations

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Ethylacetate (CAS 141-78-6)

US. New Jersey Worker and Community Right-to-Know Act

Ethylacetate (CAS 141-78-6)
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)

US. Pennsylvania Worker and Community Right-to-Know Law

Ethylacetate (CAS 141-78-6)

US. Rhode Island RTK

Ethylacetate (CAS 141-78-6)

US. California Proposition 65

Not Listed.

Other information VOC content (less water, less exempt compounds) = < 850 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)

16. Other information, including date of preparation or last revision

Issue date 11-May-2015
Revision date 13-Aug-2016
Version # 04

Disclaimer

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Revision Information

Exposure controls/personal protection: <INDENT>Hand protection

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