



SAFETY DATA SHEET

1. Identification

Name of the substance or mixture (trade name) CD403 Series

Synonyms HP DS100 Specialty Textile Light Cyan Scitex Ink

Recommended use and Limitations on use

Recommended use Inkjet printing

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2. Hazards identification

Classification of the substance or mixture

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

GHS labeling elements, including precautionary statements

Hazard symbol(s)



Signal word Warning

Hazard statement Combustible liquid. Harmful in contact with skin.

GHS labeling elements, including precautionary statements

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.

3. Composition/information on ingredients

Substance or mixture Mixture

Common chemical name or technical name	CAS number	Concentration or concentration range
Ethylene Glycol, Monobutyl Ether Acetate	112-07-2	<100
Ethylacetate	141-78-6	<2.5

4. First-aid measures

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.
Notes to physician	Treat symptomatically.

5. Fire-fighting measures

Flash point	> 145.0 °F (> 62.8 °C) Closed Cup
Means of fire extinguishing	
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 available.
Special fire fighting procedures	Firefighters should wear full protective clothing including self contained breathing apparatus.
Protective measures taken by firefighting crews	Not available.
Specific hazards arising from combustion	Not available.
Specific methods	Water mist may be used to cool closed containers.

6. Control measures for spills and leaks

Personal precautions, protective equipment and emergency procedures

To be taken by those who are not involved in rendering emergency services	Not available.
Environmental precautions	Not available.
Emergency procedures	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).
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).
Other issues relating to spills and releases	Soak up with inert absorbent material. 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.
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Suitable storage conditions	Not available.
Incompatible materials	Not available.

8. Exposure controls/personal protection

Occupational exposure limits

Brazil.OELs. (NR - 15, Annex 11) Hazardous Chemical Agents for which Occupational Exposure and Inspection Limits have been Established

Components	Type	Value
Ethylacetate (CAS 141-78-6)	TWA	1090 mg/m3 310 ppm
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	TWA	20 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

Occupational exposure limits No exposure limits noted for ingredient(s).

Control parameters

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.

Personal protective measures

Eyes and 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 Light Cyan

Odor Not available.

Odor threshold Not available.

pH Not applicable.

Melting point/freezing point Not determined.

Initial boiling point and boiling temperature 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.
Relative density	0.94 g/cm ³ @ 20 Degrees C
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 physical and chemical parameters	
Specific gravity	0.94 @ 20 Degrees C
VOC (Weight %)	< 850 g/L

10. Stability and reactivity

Chemical stability	Stable at normal conditions
Reactivity	Not available.
Conditions to avoid	Not available.
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 or skin sensitization	
Skin sensitization	Based on available data, the classification criteria are not met.
Respiratory sensitization	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

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

**Partition coefficient
n-octanol / water (log
Kow)**

Ethylacetate 0.73

**Bioconcentration factor
(BCF)** Not available.

Mobility in soil Not available.

Other adverse effects Not available.

13. Considerations on final disposal

Recommended methods for final destination

Residual waste Not available.

Contaminated packaging Not available.

**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.

14. Transport information

International regulations

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

Federal regulations

Brazil. Controlled products that must be reported to the Army (Decree No. 3655, Annex 1, as amended)

Not applicable.

Brazil. Drug precursors (Ordinance No. 1.274)

Ethylacetate (CAS 141-78-6)

Brazil. Ozone depleting substances (Decree No. 99.280, Annexes A, B, C and E, as amended)

Not applicable.

Brazil. Use and physiological effects of chemical products (Decree No. 3665, Annex 3)

Not applicable.

POPs (Decree No. 5.472 promulgates the Stockholm Convention on persistent organic pollutants)

Not listed.

International regulations

Montreal Protocol

Not applicable.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Basel Convention

Not applicable.

16. Other information

Major recommended uses for the substance or mixture	Inkjet printing
Specific restrictions for use of the substance or mixture	Not available.
Significant information, yet not specifically related to the previous sections	Not available.
Legends and abbreviations	Not available.
Issue date	29-Aug-2014
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Revision Information	This document has undergone significant changes and should be reviewed in its entirety.
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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