



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name or designation of the mixture CD401 Series

Other means of identification

Synonyms HP DS100 Specialty Textile Yellow Scitex Ink

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Inkjet printing

Uses advised against None known.

Company identification

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2. HAZARDS IDENTIFICATION

2.1 GHS classification of substance or mixture, and national or regional information

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

2.2 GHS label elements

Hazard symbol(s)



Signal word Warning

Hazard statement(s)

H312 Harmful in contact with skin.

Precautionary statement

Prevention

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response

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

Not available.

Precautionary statements

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Components	CAS #	Percent
Ethylene Glycol, Monobutyl Ether Acetate	112-07-2	<90

Components	CAS #	Percent
Ethylacetate	141-78-6	<2.5

4. FIRST AID MEASURES

4.1. Description of 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.

4.2. Most important symptoms and effects, both acute and delayed Not available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

4.3. Indication of any immediate medical attention and special treatment needed

General information Not available.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

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.

5.2. Special hazards arising from the substance or mixture Not available.

5.3. Advice for firefighters

Special protective equipment for firefighters Not available.

Special fire fighting procedures Firefighters should wear full protective clothing including self contained breathing apparatus.

Specific methods Water mist may be used to cool closed containers.

General fire hazards Not available.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Not available.

For emergency responders Not available.

6.2. Environmental precautions Not available.

6.3. Methods and material 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).

6.4. Reference to other sections Not available.

7. HANDLING AND STORAGE

7.1. 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.

7.2. 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.

7.3. Specific end use(s) Not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Recommended monitoring procedures	Not available.

Recommended monitoring procedures

Additional exposure data None established.

Derived no-effect level (DNEL)

Components	Type	Route	Value	Form
Ethylacetate (CAS 141-78-6)	Workers	Dermal	63 mg/kg	Systemic long term
		Inhalation	734 mg/m ³	Local long term
		Inhalation	734 mg/m ³	Systemic long term
		Inhalation	1468 mg/m ³	Local short term
		Inhalation	1468 mg/m ³	Systemic short term
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	Consumers	Dermal	72 mg/kg bw/d	Systemic acute short term
		Dermal	102 mg/kg bw/d	Systemic long term
		Inhalation	80 mg/m ³	Systemic long term
		Inhalation	200 mg/m ³	Local acute short term
		Oral	8.6 mg/kg bw/d	Systemic long term
	Workers	Oral	36 mg/kg bw/d	Systemic acute short term
		Dermal	169 mg/kg bw/d	Systemic long term
		Dermal	120 mg/kg bw/d	Systemic acute short term
		Inhalation	333 mg/m ³	Local acute short term
		Inhalation	133 mg/m ³	Systemic long term

Predicted no effect concentrations (PNECs)

Components	Type	Route	Value	Form
Ethylacetate (CAS 141-78-6)	Not applicable	Freshwater	0.24 mg/l	
		Intermittant	1.65 mg/l	Releases
		Marine water	0.024 mg/l	
		Sediment	1.15 mg/kg	Freshwater
		Sediment	0.115 mg/kg	Marine water
		Soil	0.148 mg/kg	
		STP	650 mg/l	Sewage Treatment Plant
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	Not applicable	Freshwater	0.304 mg/l	
		Intermittant	0.56 mg/l	Releases
		Marine water	0.0304 mg/l	
		Secondary	0.06 g/kg	Food poisoning
		Sediment	2.03 mg/kg	Freshwater
		Sediment	0.203 mg/kg	Marine water
		Soil	0.42 mg/kg	
		STP	90 mg/l	Sewage Treatment Plant

Exposure guidelines None established.

8.2. Exposure controls

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

General information Not available.

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.
Hygiene measures	Not available.
Environmental exposure controls	Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Physical state	Not available.
Form	Not available.
Color	Yellow
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 - upper (%)	Not available.
Vapor pressure	Not determined.
Vapor density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Solubility (other)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidizing properties	Not available.

9.2. Other information

Specific gravity	0.94 @ 20 Degrees C
VOC (Weight %)	< 850 g/L

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

General information	Not available.
11.1. Information on toxicological effects	
Acute toxicity	Harmful in contact with skin.

Product	Species	Test Results
CD401 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
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 sensitization	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.	
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.	
Other information	Complete toxicity data are not available for this specific formulation	

12. ECOLOGICAL INFORMATION

12.1. Toxicity	This product has not been tested for ecological effects.		
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
12.2. Persistence and degradability	Not available.		
12.3. Bioaccumulative potential	Not available.		

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

Ethylacetate 0.73

Bioconcentration factor (BCF) Not available.

**12.5. Results of PBT
and vPvB
assessment** Not a PBT or vPvB substance or mixture.

12.6. Other adverse effects Not available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Residual waste Not available.

Contaminated packaging Not available.

EU waste code Not available.

**Disposal
methods/information** 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

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

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**15.2. Chemical safety
assessment** See attached SUMI or GEIS document, if applicable.

International regulations

16. OTHER INFORMATION

List of abbreviations Not available.

References Not available.

**Information on evaluation
method leading to the
classification of mixture** Not available.

Revision information 1. Product and Company Identification: Synonyms
3. Composition / Information on Ingredients: Ingredients
8. Exposure Controls / Personal Protection: OELs
9. Physical & Chemical Properties: Multiple Properties
14. Transport Information: Material Transportation Information
15. Regulatory Information: United States
HazReg Data: Pacific Rim

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Training information Not available.

Disclaimer

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