



SAFETY DATA SHEET

1. Identification

Product identifier CH879Series
Other means of identification
Synonyms HP FB210 Specialty Flexible Light Black Scitex Ink
Recommended use Inkjet printing
Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

HP Canada Co.
5150 Spectrum Way, Floor 6
Mississauga, Ontario, Canada L4W 5G1

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or 1-888-447-4636

HP Inc. health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 1-760-710-0048

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Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551

Email: hpcustomer.inquiries@hp.com

Supplier Not available.

2. Hazard(s) identification

Physical hazards Not classified.
Health hazards Serious eye damage/eye irritation Category 2A
Sensitization, skin Category 1
Reproductive toxicity (fertility, the unborn child) Category 1B
Specific target organ toxicity, repeated exposure Category 1 (liver, respiratory system)
Environmental hazards Hazardous to the aquatic environment, long-term hazard Category 2
OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement May cause an allergic skin reaction. Causes serious eye irritation. May damage fertility. May damage the unborn child. Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid release to the environment.

Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF exposed or concerned: Get medical attention/advice. Get medical attention/advice if you feel unwell. Collect spillage. Wash contaminated clothing before reuse.
Storage	Store locked up.
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.

Carbon black is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans). Carbon black in this preparation, due to its bound form, does not present this carcinogenic risk. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

Diphenyl (2,4,6-trimethylbenzoyl) phosphineoxide - In animal testing, risk of impaired fertility was shown only after repeated ingestion of very high doses of this substance.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Acrylic acid ester		Proprietary	<50
Vinylcaprolactam		Proprietary	<25
Polyether acrylate		Proprietary	<15
Acrylate ester 5		Proprietary	<7.5
Difunctional acrylic monomer		Proprietary	<5
Diphenyl (2,4,6-trimethylbenzoyl) phosphine		Proprietary	<5
Propiophenone derivative		Proprietary	<2.5
Carbon Black		1333-86-4	<1

Composition comments Carbon black is present only in a bound form in this preparation.

4. First-aid measures

Inhalation	Move to fresh air. If symptoms persist, get medical attention.
Skin contact	Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
Eye contact	Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.
Ingestion	If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.
Most important symptoms/effects, acute and delayed	Not available.

5. Fire-fighting measures

Suitable extinguishing media	Dry powder. Carbon dioxide (CO2). Water may be ineffective.
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	None known.
Special protective equipment and precautions for firefighters	Not available.
Fire fighting equipment/instructions	Avoid runoff into storm sewers and ditches which lead to waterways.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
Methods and materials for containment and cleaning up	Not available.
Environmental precautions	Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

7. Handling and storage

Precautions for safe handling	Avoid contact with skin, eyes and clothing.
Conditions for safe storage, including any incompatibilities	Keep away from excessive heat or cold. Do not store in direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Carbon Black (CAS 1333-86-4)	TWA	3 mg/m ³	Inhalable fraction.

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value
Carbon Black (CAS 1333-86-4)	TWA	3.5 mg/m ³

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
Carbon Black (CAS 1333-86-4)	TWA	3 mg/m ³	Inhalable

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Components	Type	Value	Form
Carbon Black (CAS 1333-86-4)	TWA	3 mg/m ³	Inhalable fraction.

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Type	Value	Form
Carbon Black (CAS 1333-86-4)	TWA	3 mg/m ³	Inhalable fraction.

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

Components	Type	Value
Carbon Black (CAS 1333-86-4)	TWA	3.5 mg/m ³

Biological limit values	No biological exposure limits noted for the ingredient(s).
Exposure guidelines	Exposure limits have not been established for this product.
Appropriate engineering controls	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	Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves. Recommended gloves: Nitrile 6 mil minimum thickness.
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
Thermal hazards	Not available.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Do not get this material in your eyes, on your skin, or on your clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. Keep away from food and drink.

9. Physical and chemical properties**Appearance**

Physical state	Liquid.
Form	Liquid.
Color	Black.

Odor Characteristic.

Odor threshold Not available.

pH Not applicable.

Melting point/freezing point Not determined.

Initial boiling point and boiling range Not determined.

Flash point > 212.0 °F (> 100.0 °C) Closed Cup EPA Method 1020

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.

Vapor density Not available.

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 For other VOC regulatory data/information see Section 15.

Oxidizing properties Not determined

VOC < 95 g/L Method 24/ASTM D5409-93

10. Stability and reactivity

Reactivity Not available.

Chemical stability Stable under normal storage conditions.

Possibility of hazardous reactions Hazardous polymerization can occur with decreased inhibitor content.

Conditions to avoid Exposure to sunlight.

Incompatible materials Incompatible with strong bases and oxidizing agents. alkaline metals.

Hazardous decomposition products Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. Toxicological information**Information on likely routes of exposure**

Inhalation Inhalation may result in mild irritation to the respiratory system.

Skin contact May cause sensitization by skin contact.

Eye contact Causes serious eye irritation.

Ingestion	Ingestion is not a likely route of exposure.
Symptoms related to the physical, chemical and toxicological characteristics	Not available.
Information on toxicological effects	
Acute toxicity	Based on available data, the classification criteria are not met.
Components	Species Test Results
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Carbon Black (CAS 1333-86-4)	
<u>Acute</u>	
Oral	
LD50	Rat > 10000 mg/kg
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Causes serious eye irritation.
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.
ACGIH Carcinogens	
Carbon Black (CAS 1333-86-4)	A3 Confirmed animal carcinogen with unknown relevance to humans.
Canada - Manitoba OELs: carcinogenicity	
Carbon Black (CAS 1333-86-4)	Confirmed animal carcinogen with unknown relevance to humans.
IARC Monographs. Overall Evaluation of Carcinogenicity	
Carbon Black (CAS 1333-86-4)	2B Possibly carcinogenic to humans.
Reproductive toxicity	May damage fertility. May damage the unborn child.
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure	Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.
Aspiration hazard	Based on available data, the classification criteria are not met.
Further information	Complete toxicity data are not available for this specific formulation

12. Ecological information

Aquatic toxicity	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product has not been tested for ecological effects.
Ecotoxicity	No ecotoxicity data noted for the ingredient(s).
Persistence and degradability	Not available.
Bioaccumulative potential	Not available.
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.
Hazardous waste code	Not regulated.
Waste from residues / unused products	Not available.
Contaminated packaging	Not available.

14. Transport information

DOT

Not regulated as dangerous goods.

DOT Supplemental Information DOT Classification only applies to shipments within the US and Puerto Rico.

IATA

UN number UN3082
UN proper shipping name Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative)
Transport hazard class(es)
Class 9
Subsidiary risk -
Packing group III
Environmental hazards Yes
Special precautions for user Not available.

IATA Supplemental Information When shipping ≤ 5L inner packaging, Special Provision A197 may apply.

IMDG

UN number UN3082
UN proper shipping name Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative), MARINE POLLUTANT
Transport hazard class(es)
Class 9
Subsidiary risk -
Packing group III
Transport hazard class(es)
Marine pollutant Yes
EmS F-A, S-F
Special precautions for user Not available.

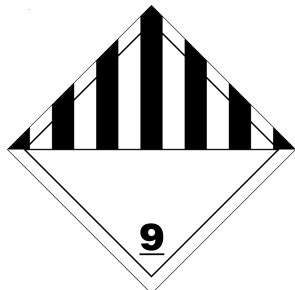
IMDG Supplemental Information When shipping ≤ 5L containers, IMDG 2.10.2.7 may apply.

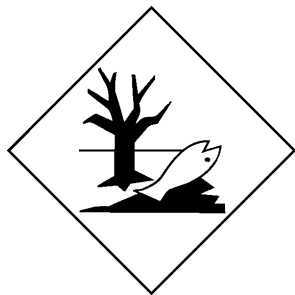
ADR

UN number UN3082
UN proper shipping name Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative)
Transport hazard class(es)
Class 9
Subsidiary risk -
Hazard No. (ADR) Not available.
Tunnel restriction code Not available.
Packing group III
Environmental hazards Yes
Special precautions for user Not available.

ADR Supplemental Information When shipping ≤ 5L containers, ADR 375 may apply.

ADR; IATA; IMDG





15. Regulatory information

Canadian regulations

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

International regulations

All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDL), Australia, South Korea, New Zealand, and China.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

Other information

VOC content (less water, less exempt compounds) = < 95 g/L (U.S. requirement, not for emissions)

16. Other information

Issue date

09-Feb-2018

Version

01

Other information

This SDS was prepared in accordance with Canada Controlled Product Regulations.

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.

Revision information

Product and Company Identification: Synonyms
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties
14. Transport Information: Material Transportation Information
Regulatory Information: United States
HazReg Data: Europe - EU
GHS: Qualifiers

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