



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 CN854Series

Other means of identification

Synonyms HP FB210 Specialty Flexible Light Magenta 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

HP Computing and Printing Ltd. Belgrade
Omladinskih Brigada 90b, 1st Floor (Module N.)
Belgrade
Serbia 11070
Telephone +381-11-2014283

HP Inc. health effect line
(Toll-free within 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. HAZARDS IDENTIFICATION

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

Physical hazards Not classified.

Health hazards
Serious eye damage/eye irritation Category 2
Skin sensitization 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 aquatic hazard Category 2

2.2 GHS label elements

Hazard symbol(s)



Signal word Danger

Hazard statement(s)

H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H360FD May damage fertility. May damage the unborn child.
H372 Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure
H411 Toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention

P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P270 - Do not eat, drink or smoke when using this product.
P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.

Response
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
P308 + P313 - IF exposed or concerned: Get medical attention/advice.
P314 - Get medical attention/advice if you feel unwell.
P391 - Collect spillage.
P363 - Wash contaminated clothing before reuse.

Storage
P405 - Store locked up.

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.

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Components	CAS #	Percent
2-phenoxyethyl acrylate	48145-04-6	<50
1-vinylhexahydro-2H-azepin-2-one	2235-00-9	<25
Polyether acrylate	Proprietary	<20
Neopentylglycol propoxylate diacrylate	84170-74-1	<7.5
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8	<5
[2-(hydroxymethyl)-3-prop-2-enoyloxy-2-[[[3-prop-2-enoyloxy-2,2-bis(prop-2-enoyloxymethyl)propoxy]methyl]propyl] prop-2-enoate	60506-81-2	<2.5
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	<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 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.

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 Not available.

General information Not available.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

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.

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	Avoid runoff into storm sewers and ditches which lead to waterways.
General fire hazards	Not available.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
For emergency responders	Not available.

6.2. Environmental precautions Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

6.3. Methods and material for containment and cleaning up Not available.

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.

7.2. 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.

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 Exposure limits have not been established for this product.

Derived no-effect level (DNEL)

Components	Type	Route	Value	Form
[2-(hydroxymethyl)-3-prop-2-enoyloxy-2-[[3-prop-2-enoyloxy-2,2-bis(prop-2-enoyloxymethyl)propoxy]methyl]propyl] prop-2-enoate (CAS 60506-81-2)	Industry	Dermal	0.5 mg/kg/day	
1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)	Workers	Inhalation	1.76 mg/m ³	
		Dermal	0.7 mg/kg	Systemic long term
		Inhalation	4.9 mg/m ³	Systemic long term
2-phenoxyethyl acrylate (CAS 48145-04-6)	Industry	Inhalation	0.17 mg/m ³	Local long term
		Dermal	1.5 mg/kg/day	
	Workers	Inhalation	10 mg/m ³	
		Dermal	1.5 mg/kg	Systemic long term
		Inhalation	77 mg/m ³	Local long term
Neopentylglycol propoxylate diacrylate (CAS 84170-74-1)	Workers	Inhalation	10 mg/m ³	Systemic long term
		Dermal	3.33 mg/kg	Systemic long term
		Inhalation	11.75 mg/m ³	Systemic long term

Predicted no effect concentrations (PNECs)

Components	Type	Route	Value	Form
1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)	Not applicable	Freshwater	0.1 mg/l	
		Intermittant	1 mg/l	Releases
		Marine water	0.01 mg/l	
		Sediment	0.829 mg/kg	Freshwater
		Sediment	0.0829 mg/kg	Marine water
		Soil	0.107 mg/kg	
		STP	262 mg/l	Sewage Treatment Plant
2-phenoxyethyl acrylate (CAS 48145-04-6)	Not applicable	Freshwater	0.002 mg/l	
		Intermittant	0.0121 mg/l	Releases
		Marine water	0.0002 mg/l	
		Sediment	0.02 mg/kg	Freshwater
		Sediment	0.002 mg/kg	Marine water
		Soil	0.006 mg/kg	
		STP	1.77 mg/l	Sewage Treatment Plant
Neopentylglycol propoxylate diacrylate (CAS 84170-74-1)	Not applicable	Freshwater	0.0027 mg/l	
		Intermittant	0.027 mg/l	Releases
		Marine water	0.00027 mg/l	
		Sediment	0.188 mg/kg	Freshwater
		Sediment	0.018 mg/kg	Marine water
		Soil	0.036 mg/kg	
		STP	0.2 mg/l	Sewage Treatment Plant

Exposure guidelines Exposure limits have not been established for this product.

8.2. Exposure controls

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

General information Not available.

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.

Individual protection measures, for example personal protective equipment (PPE)

Skin protection

Individual protection measures, such as personal protective equipment

- Other Wear appropriate chemical resistant clothing.

Respiratory protection Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

Thermal hazards Not available.

Hygiene measures

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.

Environmental exposure controls Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

Physical state Liquid.

Form Liquid.

Color Light Magenta

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 - 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	
VOC (Weight %)	< 95 g/L Method 24/ASTM D5409-93

10. STABILITY AND REACTIVITY

10.1 Reactivity	Not available.
10.2. Chemical stability	Stable under normal storage conditions.
10.3. Possibility of hazardous reactions	Hazardous polymerization can occur with decreased inhibitor content.
10.4. Conditions to avoid	Exposure to sunlight.
10.5. Incompatible materials	Incompatible with strong bases and oxidizing agents. alkaline metals.
10.6. 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

General information	Not available.
11.1. Information on toxicological effects	
Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory sensitization	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	
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	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.
Other information	Complete toxicity data are not available for this specific formulation

12. ECOLOGICAL INFORMATION

12.1. Toxicity	No toxicity data noted for the ingredient(s).
-----------------------	---

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.
12.2. Persistence and degradability	Not available.
12.3. Bioaccumulative potential	Not available.
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

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
Environmental hazards	
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

Proper shipping name	Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative)
Hazard class	9
UN number	3082
Packing group	III
Marine pollutant	Yes

ADR supplemental information

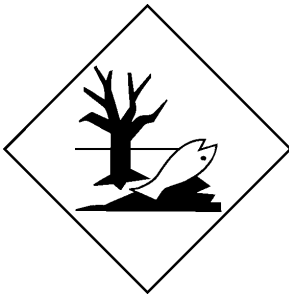
When shipping ≤ 5L containers, ADR 375 may apply.

IATA; IMDG



ADR

Marine pollutant



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

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/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

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

3. Composition / Information on Ingredients: Ingredients
9. Physical & Chemical Properties: Multiple Properties
14. Transport Information: Material Transportation Information
15. Regulatory Information: United States
GHS: Qualifiers

Manufacturer information

HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112 US
(Direct) +972 (9) 892-4628

Training information

Not available.

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.