



SAFETY DATA SHEET

1. Product and company identification

Product name CH131Series
Synonyms HP Scitex FB240 Magenta Ink
Recommended use and Limitations on use
Recommended use Inkjet printing.
Issue date 29-Aug-2013
Revision date 09-Aug-2015
Version # 06
Company identification HP Taiwan Information Technology Ltd.
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2. Hazards identification

Hazard classification

Physical hazards	Not classified.	
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 1
	Skin sensitizer	Category 1
	Toxic to reproduction	Category 2
	Specific target organ toxicity - repeated exposure	Category 1
	Environmental hazards	Chronic hazards to the aquatic environment

Label elements

Symbols



Signal word

Danger

Hazard statement

Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. Suspected of damaging fertility. Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. 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.
P310 - Immediately call a POISON CENTER or doctor/physician.
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.
P391 - Collect spillage.
P362 - Take off contaminated clothing and wash before reuse.

Storage P405 - Store locked up.

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

Other hazards Benzophenone is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans).

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

Proprietary initiator - 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

Substance or mixture	Mixture	
Components	CAS #	Percent
2-Phenoxy-ethyl acrylate	48145-04-6	<40
Carboxylic Acids, Esters	3076-04-8	<25
N-vinylcaprolactam	2235-00-9	<25
Alkyl Acrylate Ester #2	Proprietary	<10
Alkyl Acrylate Ester #1	Proprietary	<5
Multi-Functional Acrylate Ester	Proprietary	<5
Proprietary initiator	Proprietary	<5
2-benzyl-2-dimethylamino-4-morpholinobutyrophenone	119313-12-1	<1
Benzophenone	119-61-9	<1

4. First aid measures

First aid measures for different exposure routes

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 and effects Not available.

Personal protection for first-aid responders Not available.

Notes to physician Not available.

5. Fire-fighting measures

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

Extinguishing media Dry powder. Carbon dioxide (CO2). Water may be ineffective.

Extinguishing media to avoid Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.

Specific hazards during fire fighting None.

Special fire fighting procedures Avoid runoff into storm sewers and ditches which lead to waterways.

Protection of fire-fighters None.

6. Accidental release measures

Personal precautions Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

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

Spill cleanup methods Not available.

Other information Dispose of in compliance with federal, state, and local regulations.

7. Handling and storage

Handling

Precautions Not available.

Safe handling advice Avoid contact with skin, eyes and clothing.

Storage

Technical measures Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage. 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.

Suitable storage conditions Not available.

Incompatible materials Not available.

8. Exposure controls/personal protection

Exposure limits

No exposure limits noted for ingredient(s).

Biological limit values No biological exposure limits noted for the ingredient(s).

Engineering measures Not available.

Personal protective equipment

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

Hand protection Wear appropriate chemical resistant gloves.

Eye protection Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.

Skin and body protection Wear appropriate chemical resistant clothing.

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.

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

9. Physical and chemical properties

Appearance

Physical state Liquid.

Color Magenta

Odor Characteristic.

pH Not available.

Melting point/freezing point Not available.

Boiling point, initial boiling point, and boiling range Not available.

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

Flammability (solid, gas) Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Solubility(ies)	
Solubility (water)	Not available.
Decomposition temperature	Not available.
Other data	
Chemical family	Acrylate/Polymer/Pigment Blend
VOC (Weight %)	< 95 g/L

10. Stability and reactivity

Stability	Stable under normal storage conditions.
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.
Possibility of hazardous reactions	Hazardous polymerization can occur with decreased inhibitor content.

11. Toxicological information

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye damage.
Respiratory sensitizer	Based on available data, the classification criteria are not met.
Skin sensitizer	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.
IARC Monographs. Overall Evaluation of Carcinogenicity	
Benzophenone (CAS 119-61-9)	2B Possibly carcinogenic to humans.
Toxic to reproduction	Suspected of damaging fertility.
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.
Other information	Complete toxicity data are not available for this specific formulation

Components	Species	Test Results
Benzophenone (CAS 119-61-9)		
Acute		
<i>Oral</i>		
LD50	Mouse	2895 mg/kg
<i>Other</i>		
LD50	Mouse	727 mg/kg

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.
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Ecotoxicological data

Components	Species	Test Results
Benzophenone (CAS 119-61-9)		
Aquatic		
Fish	LC50	Fathead minnow (Pimephales promelas) 9.64 - 12.31 mg/l, 96 hours

Persistence and degradability	Not available.
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Bioaccumulation	Not available.
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Mobility in soil Not available.
Other hazardous effects Not available.

13. Disposal considerations

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

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)
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), 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

Basic shipping requirements:

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

ADR supplemental information

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

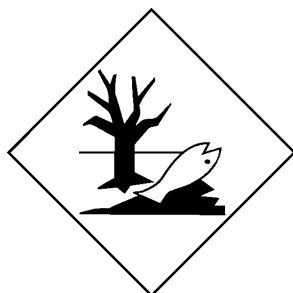
IATA; IMDG





ADR

Marine pollutant



15. Regulatory information

Applicable regulations

Methods and Facilities Standards for the Storage, Clearance and Disposal of Industrial Waste

Not listed.

GHS Classification List: GHS implementation phase 1 and 2 (CLA No. 0960145703, 0970146313, and 0990146707)

Multi-Functional Acrylate Ester (CAS Proprietary)

Proprietary initiator (CAS Proprietary)

Regulatory information

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

References

Not available.

Issued by

Not available.

Prepared by

HP

Disclaimer

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09-Aug-2015

Version

06

This data sheet contains changes from the previous version in section(s):

Other information: Disclaimer

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