



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Identification of the preparation CH137Series

Synonym(s) HP SC200 Yellow Ink

Product use Inkjet printing.

Version # 04

Revision date 20-Nov-2011

CAS # Mixture

Company identification Hewlett-Packard Company
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2. Hazards Identification

Emergency overview Causes severe irritation of eyes, skin and mucous membranes.
After contact with skin, wash immediately with plenty of water.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Contact with skin and eyes may result in irritation.

Acute health effects

Skin contact Avoid contact with skin.
Harmful in contact with skin. Contact causes skin irritation. May cause sensitization by skin contact.
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione Complexes
May cause sensitization by skin contact.

Eye contact Irritating to eyes.

Inhalation Avoid breathing vapors or mists of this product. Inhalation of vapors or mists of the product may be irritating to the respiratory system.

Ingestion Ingestion is not expected to be a primary route of exposure for this product under normal use conditions. Harmful if swallowed.

Potential health effects

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

Carcinogenicity Contains Nickel. May cause cancer.
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione Complexes
Contains Nickel, May cause cancer.

3. Composition / Information on Ingredients

Components	CAS #	Percent
2-phenoxyethyl Acrylate	48145-04-6	10 - 25
multifunctional acrylate	Proprietary	10 - 25
N-vinylcaprolactam	2235-00-9	10 - 25
Tridecyl Acrylate Ester	3076-04-8	10 - 25
Diphenyl (2,4,6-trimethylbenzoyl) phosphineoxide	75980-60-8	2.5 - 5

Benzophenone	119-61-9	1 - 2.5
Epoxy Acrylate Oligomer	Proprietary	1 - 2.5
1-Butanone, 2-(dimethylamino)-1-[4-(4-morpholinyl)phenyl]-2-(phenylmethyl)-	119313-12-1	0 - 1
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione Complexes	68511-62-6	< 2

4. First Aid Measures

First aid procedures

Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately.
Skin contact	In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse. Get medical attention.
Inhalation	Move person to fresh air immediately. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion	Rinse mouth out with water. If swallowed, do NOT induce vomiting. Give small amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media Use any media suitable for the surrounding fires.

Unsuitable extinguishing media None known.

Protection of firefighters

Protective equipment and precautions for firefighters Move containers from fire area if you can do it without risk.
Avoid runoff into storm sewers and ditches which lead to waterways.

Special protective equipment for fire-fighters Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Hazardous combustion products Combustion will produce carbon dioxide, carbon monoxide, and nitrogen oxides. May include oxides of phosphates.

6. Accidental Release Measures

Personal precautions Avoid contact with skin. Avoid inhalation of vapors or mists.
Do not touch or walk through spilled material. Ensure adequate ventilation.
Use personal protective equipment to minimize exposure to skin and eye.

Environmental precautions Do not flush into surface water or sanitary sewer system.

Methods for cleaning up Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Other information Soak up with inert absorbent material.

7. Handling and Storage

Handling Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product.
Wear personal protective equipment.

Storage Keep containers tightly closed in a cool, well-ventilated place.
Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Occupational exposure limits

U.S. - OSHA

Components	Type	Value	Form
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione Complexes (68511-62-6)	PEL	1.0000 mg/m3	29 CFR 1910.1000 (Subpart Z)
	TWA	1.0000 mg/m3	29 CFR 1910.1000 (Subpart Z)

U.S. - WEEL

Components	Type	Value
Benzophenone (119-61-9)	TWA	0.5000 mg/m3

Engineering controls

Attempts should be made to eliminate all contact with skin and eyes, and to limit inhalation exposure. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Personal protective equipment

Eye / face protection Wear safety glasses; chemical goggles (if splashing is possible).

Skin protection Wear appropriate chemical resistant clothing.

General hygiene considerations Do not get this material in contact with skin. Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse.

9. Physical & Chemical Properties

Appearance	Not available.
Color	Yellow
Odor	Not available.
Odor threshold	Not available.
Physical state	Liquid
Form	Not available.
pH	Not available.
Melting point	Not available.
Freezing point	Not available.
Boiling point	440.6 °F (227 °C)
Flash point	> 199.4 °F (> 93.3 °C) Closed Cup
Evaporation rate	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	1.01
Relative density	Not available.
Solubility (water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
VOC	< 95 g/L

10. Chemical Stability & Reactivity Information

Chemical stability Stable at normal conditions.

11. Toxicological Information

Serious eye damage/eye irritation	Not available.
Mutagenicity	None known.
Teratogenicity	None known.
Further information	Complete toxicity data are not available for this specific formulation

12. Ecological Information

Aquatic toxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Persistence and degradability	Not available.

13. Disposal Considerations

Disposal instructions	Do not allow this material to drain into sewers/water supplies. Dispose of in compliance with federal, state, and local regulations.
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14. Transport Information

Further information	not regulated
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DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations	This product is listed on the U.S. EPA TSCA Inventory. US TSCA 12(b): Contains 2,4-diethyl-9h-thioxanthen-9-one (CASRN 82799-44-8) and 4-methoxyphenol (CASRN 150-76-5), subject to export notification requirements. US TSCA 4(a): Contains 4-methoxyphenol (CASRN 150-76-5), subject of a test rule at 40 CFR Section 799.5115. TSCA Section 5(a)(2) Significant New Use Rules: This product contains 2,4-diethyl-9h-thioxanthen-9-one (CASRN 82799-44-8) which is subject to a Significant New Use Rule at 40 CFR Section 721.9664. TSCA 8(a) PAIR: 4-Methoxyphenol SARA 302/304/311/312 hazardous chemicals: Tridecyl acrylate; Benzophenone
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CERCLA (Superfund) reportable quantity

None

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical	No
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Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - No Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
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Section 302 extremely hazardous substance	No
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Section 311 hazardous chemical	Yes
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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

HMIS® ratings

Health: 2
Flammability: 1
Physical hazard: 2

NFPA ratings

Health: 2
Flammability: 1
Instability: 2

Disclaimer

This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company 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.

Issue date

20-Nov-2011

Manufacturer information

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Product Information 1-800-925-0563

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