## 1. Identification

**Product identifier**

CN870Series

**Other means of identification**

- **Synonyms**: HP XP231 Specialty Billboard Magenta Scitex Ink
- **Recommended use**: Inkjet printing
- **Recommended restrictions**: None known.

**Manufacturer/Importer/Supplier/Distributor information**

- **HP Inc.**
  - 1501 Page Mill Road
  - Palo Alto, CA 94304-1112
  - United States
  - **Telephone**: 650-857-5020
- **HP Inc. health effects line**
  - (Toll-free within the 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. Hazard(s) identification

**Physical hazards**

Not classified.

**Health hazards**

- Skin corrosion/irritation: Category 2
- Serious eye damage/eye irritation: Category 1
- Sensitization, skin: Category 1
- Specific target organ toxicity, single exposure: Category 3 respiratory tract irritation
- Specific target organ toxicity, repeated exposure: Category 1 (liver, respiratory system)

**Environmental hazards**

- Hazardous to the aquatic environment, long-term hazard: Category 2
- Not classified.

**OSHA defined hazards**

Not classified.

**Label elements**

- **Signal word**: Danger
- **Hazard statement**: Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause respiratory irritation. 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. Use only outdoors or in a well-ventilated area. 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. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention/advice if you feel unwell. Collect spillage. Take off contaminated clothing and wash before reuse.

Storage

Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal

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

Hazard(s) not otherwise classified (HNOC)

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

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylate ester 6*</td>
<td>Proprietary*</td>
<td>&lt;20</td>
<td></td>
</tr>
<tr>
<td>Vinylcaprolactam*</td>
<td>Proprietary*</td>
<td>&lt;20</td>
<td></td>
</tr>
<tr>
<td>Acrylate ester #2*</td>
<td>Proprietary*</td>
<td>&lt;15</td>
<td></td>
</tr>
<tr>
<td>Aliphatic diacrylate*</td>
<td>Proprietary*</td>
<td>&lt;15</td>
<td></td>
</tr>
<tr>
<td>Acrylate ester 5*</td>
<td>Proprietary*</td>
<td>&lt;10</td>
<td></td>
</tr>
<tr>
<td>Acrylic acid, Monoalkyl Ester*</td>
<td>Proprietary*</td>
<td>&lt;7.5</td>
<td></td>
</tr>
<tr>
<td>Acrylate ester #3*</td>
<td>Proprietary*</td>
<td>&lt;5</td>
<td></td>
</tr>
<tr>
<td>Oxybis(methyl-2,1-ethanediyl) diacrylate*</td>
<td>Proprietary*</td>
<td>&lt;5</td>
<td></td>
</tr>
<tr>
<td>Phenyl, Bis (2,4,6-trimethylbenzoyl)-phosphine oxide*</td>
<td>Proprietary*</td>
<td>&lt;5</td>
<td></td>
</tr>
</tbody>
</table>

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
This mixture has no ingredients that have PEL, TLV, or other recommended exposure limit.
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
Not available.
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
Recommended gloves: Nitrile 6 mil minimum thickness. Wear appropriate chemical resistant gloves.
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
Magenta
Odor
Characteristic.
Odor threshold
Not available.
PH
Not available.
Melting point/freezing point
Not available.
Initial boiling point and boiling range
Not available.
Flash point
> 212.0 °F (> 100.0 °C) Closed Cup EPA Method 1020
Evaporation rate
Not available.
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 available.
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.
  VOC 8.88 g/L Method 24/ASTM D403-93

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 May cause irritation to the respiratory system.
Skin contact Causes skin irritation. May cause sensitization by skin contact.
Eye contact Causes serious eye damage.
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.
Skin corrosion/irritation Non-corrosive (OECD 431)
  Causes skin irritation.
Serious eye damage/eye irritation Causes serious eye damage.

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.
   IARC Monographs. Overall Evaluation of Carcinogenicity
      Not listed.
   OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
      Not regulated.
   US. National Toxicology Program (NTP) Report on Carcinogens
      Not listed.
Reproductive toxicity Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure May cause irritation to the respiratory system.
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.
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.

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
- 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)
- 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

Material name: CN870Series
Version #: 10 Revision date: 03-May-2018 Issue date: 30-Apr-2014
15. Regulatory information

US federal regulations

US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
Not regulated.

Other information

VOC content (less water, less exempt compounds) = 8.88 g/L (U.S. requirement, not for emissions) US EPA Method 24

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. European Union, Canada, Ontario, Japan, Philippines, Korea, New Zealand and China.

16. Other information, including date of preparation or last revision

Issue date 30-Apr-2014
Revision date 03-May-2018
Version # 10

Other information
This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).
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.

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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