



SAFETY DATA SHEET

1. Identification of the dangerous substance/preparation and the identity of the manufacturer, importer, agent or marketer

Identification of the substance/preparation CN854Series
Use of the substance/preparation Inkjet printing
Issue date 29-Nov-2013
Revision date 08-Aug-2015
Version # 02
Synonym(s) HP FB210 Specialty Flexible Light Magenta Scitex Ink
Company identification HP PPS Israel Ltd.
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2. Dangers of the dangerous substance/preparation

Classification Xn;R22, Xi;R36
Physical hazards Not classified as a physical hazard.
Health hazards Harmful if swallowed. Irritating to eyes.
Environmental hazards Not classified as an environmental hazard.

GHS label elements

Signal word

Danger



Hazard statement

Causes serious eye irritation. May cause an allergic skin reaction. 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

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. |
| 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.

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. Identification of the components of the substance/preparation

| Components | CAS # | Percent |
|---|-------------|---------|
| Acrylic acid ester | 48145-04-6 | <50 |
| Vinyl caprolactam (VCAP) | 2235-00-9 | <25 |
| Polyether acrylate | Proprietary | <20 |
| Difunctional acrylic monomer | Proprietary | <7.5 |
| Diphenyl (2,4,6 - trimethylbenzoyl) phosphine | 75980-60-8 | <5 |
| Acrylate ester | Proprietary | <2.5 |
| Propiophenone derivative | Proprietary | <2.5 |

Substance or Preparation Preparation

4. First aid instructions

First aid measures for different exposure routes

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| 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. |

Notes to physician Not available.

Special first aid equipment Not available.

5. Firefighting procedure

| | |
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| Flash point | > 212.0 °F (> 100.0 °C) Closed Cup |
| Fire fighting equipment/instructions | Avoid runoff into storm sewers and ditches which lead to waterways. |
| Extinguishing media | |
| Suitable extinguishing media | Dry powder. Carbon dioxide (CO2). Water may be ineffective. |
| Extinguishing media which must not be used for safety reasons | Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire. |
| Unusual fire & explosion hazards | None known. |
| Specific hazards during fire fighting | Not available. |

| | |
|---|---|
| Special fire fighting procedures | Avoid runoff into storm sewers and ditches which lead to waterways. |
| Protection of fire-fighters | Not available. |

6. Safety precautions

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| 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. |
| Methods for cleaning up | Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. |
| Other information | Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations. |

7. Handling and storage

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| Handling | Avoid contact with skin, eyes and clothing. |
| 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. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage. |
| Storage | |
| Special recommendations | Not available. |
| Safe packaging materials | Not available. |

8. Means of reducing exposure and personal protection

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| Engineering measures to reduce exposure | Not available. |
| Occupational exposure limits | No exposure limits noted for ingredient(s). |
| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| 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. |

9. Physical and chemical properties

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|---|------------------------------------|
| Appearance | |
| Physical state | Liquid. |
| Color | Light Magenta |
| Odor | Characteristic. |
| pH | Not applicable. |
| Melting point/freezing point | Not determined. |
| Initial boiling point and boiling range | Not determined. |
| Decomposition temperature | Not available. |
| Flash point | > 212.0 °F (> 100.0 °C) Closed Cup |
| Flammability | Not available. |
| Auto-ignition temperature | 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. |
| Oxidizing properties | Not available. |
| Vapor pressure | Not determined. |
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Other information | |
| Evaporation rate | Not determined. |
| VOC (Weight %) | < 95 g/L |

10. Stability and reactivity

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| Conditions to avoid | Exposure to sunlight. |
| Hazardous decomposition products | Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |
| Reactivity | Not available. |
| Chemical stability | Stable under normal storage conditions. |
| Possibility of hazardous reactions | Hazardous polymerization can occur with decreased inhibitor content. |
| Incompatibility | Incompatible with strong bases and oxidizing agents. alkaline metals. |
| Materials to avoid | Not available. |

11. Toxicological information

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|---|---|
| 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 or skin sensitization | |
| Respiratory sensitization | Based on available data, the classification criteria are not met. |
| Skin sensitization | May cause sensitization by skin contact. |
| Carcinogenicity | Based on available data, the classification criteria are not met. |
| Germ cell mutagenicity | 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. |
| 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. Environmental information

| | |
|--------------------------------------|--|
| Environmental effects | Not available. |
| Persistence and degradability | |
| 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. |
| Mobility in soil | Not available. |

13. Dangerous substance disposal methods

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| 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. Dispose of in compliance with Israeli Ministry of the Environment and local regulations. |
| Waste from residues / unused products | Not available. |
| Contaminated packaging | Not available. |
| Special precautions | Not available. |

14. Transport information

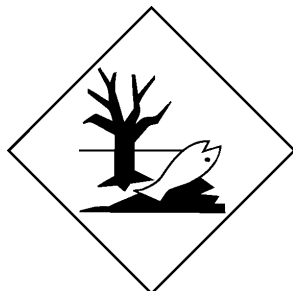
| | |
|--------------------------------------|---|
| DOT | Not regulated as dangerous goods. |
| DOT supplemental information | DOT Classification only applies to shipments within the US and Puerto Rico. |
| IATA | |
| UN number | UN3082 |
| UN proper shipping name | Environmentally Hazardous Substance, 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 |
| 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

Israel regulations

Israel. Harmful Chemicals (Hazardous Substances Law, 5753-1993, Annex 1, as amended)

Not listed.

Israel. Toxic Chemicals (Hazardous Substances Law, 5753-1993, Annex 2, as amended)

Not listed.

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.

Labeling

Contains

Acrylate ester, Acrylic acid ester, Difunctional acrylic monomer, Diphenyl (2,4,6 - trimethylbenzoyl) phosphine, Polyether acrylate, Propiophenone derivative, Vinyl caprolactam (VCAP)

Symbol(s)



Harmful

R-phrases(s)

R22 Harmful if swallowed.
R36 Irritating to eyes.

S-phrases(s)

S25 Avoid contact with eyes.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. Other information

| | |
|---|---|
| Recommended use | Not available. |
| Recommended restrictions | Not available. |
| Further information | Not available. |
| Bibliography | 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. |
| Full text of any statements or R-phrases and H-statements under Sections 2 to 15 | R21/22 Harmful in contact with skin and if swallowed. R22 Harmful if swallowed. R36 Irritating to eyes. R43 May cause sensitization by skin contact. R48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R60 May impair fertility. R61 May cause harm to the unborn child. R62 Possible risk of impaired fertility. |
| Prepared by | HP |
| This data sheet contains changes from the previous version in section(s): | Other information: Disclaimer |
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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 |