1. Identification

Product identifier

HP Z7Y72A Magenta Developer

Other means of identification

Not available.

Recommended use

This product is a magenta developer preparation that is used in HP Color LaserJet Managed MFP E87640, HP Color LaserJet Managed MFP E87650, HP Color LaserJet Managed MFP E87660 series printers.

Recommended restrictions

None known.

Company identification

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

Not classified.

Environmental hazards

Not classified.

OSHA defined hazards

Not classified.

Label elements

Hazard symbol

None.

Signal word

None.

Hazard statement

Not available.

Precautionary statement

Prevention

Not available.

Response

Not available.

Storage

Not available.

Disposal

Not available.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

This product is not classified as hazardous according to OSHA CFR 1910.1200 (HazCom 2012).

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>Ferrite</td>
<td>Trade Secret</td>
<td>&lt;95</td>
<td></td>
</tr>
<tr>
<td>Polyester resin</td>
<td>Polyester resin</td>
<td>Trade Secret</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Magenta Pigment</td>
<td>Trade Secret</td>
<td>&lt;2</td>
<td></td>
</tr>
<tr>
<td>Paraffin wax</td>
<td>Trade Secret</td>
<td>&lt;2</td>
<td></td>
</tr>
<tr>
<td>Silica</td>
<td>Amorphous silica</td>
<td>Trade Secret</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>
4. First-aid measures

**Inhalation**
Move person to fresh air immediately. If irritation persists, consult a physician.

**Skin contact**
Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

**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, consult a physician.

**Ingestion**
Rinse mouth with water. Drink one to two glasses of water. If symptoms occur, consult a physician.

**Most important symptoms/effects, acute and delayed**
Difficulty in breathing. Coughing.

5. Fire-fighting measures

**Suitable extinguishing media**
Dry chemical, CO2, water spray or regular foam.

**Unsuitable extinguishing media**
None known.

**Specific hazards arising from the chemical**
Like most organic material in powder form, toner can form explosive dust-air mixtures when finely dispersed in air. Carbon monoxide and carbon dioxide.

**Special protective equipment and precautions for firefighters**
Wear self-contained breathing apparatus and protective clothing. Wear full set of protective equipment including chemical goggles and gloves.

**Fire-fighting equipment/instructions**
If fire occurs in the printer, treat as an electrical fire.

**Specific methods**
None established.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Avoid inhalation of dust. Wash thoroughly after dealing with a spillage. See Section 8 of the SDS for Personal Protective Equipment. Ensure adequate ventilation.

**Methods and materials for containment and cleaning up**
Small Spills: Remove sources of ignition. Wipe up with absorbent material (e.g. cloth, fleece). Avoid inhalation of dust.

Large Spills: Wear appropriate protective equipment and clothing during clean-up. Sweep up or gather material and place in appropriate container for disposal.

**Environmental precautions**
Avoid spreading dust or contaminated materials. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

**Precautions for safe handling**
Avoid inhalation of dust and contact with skin and eyes. Use with adequate ventilation. Keep away from excessive heat, sparks, and open flames.

**Conditions for safe storage, including any incompatibilities**
Keep out of the reach of children. Keep tightly closed and dry. Store at room temperature. Store away from strong oxidizers.

8. Exposure controls/personal protection

**Occupational exposure limits**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin wax (CAS Trade Secret)</td>
<td>TWA</td>
<td>2 mg/m3</td>
<td>Fume.</td>
</tr>
</tbody>
</table>

**US. NIOSH: Pocket Guide to Chemical Hazards**

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<td>Paraffin wax (CAS Trade Secret)</td>
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<td>Fume.</td>
</tr>
<tr>
<td>Silica (CAS Trade Secret)</td>
<td>TWA</td>
<td>6 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

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

USA OSHA (TWA/PEL): 10 mg/m³ (Total Dust)
ACGIH (TWA/TLV): 15 mg/m³ (Inhalable Particulate)

Appropriate engineering controls
Use in a well ventilated area.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin protection
Hand protection
Rubber gloves are recommended. Wash hands after handling.
Other
Protection suit must be worn.

Respiratory protection
No personal respiratory protective equipment required under normal conditions of use.

Thermal hazards
Not available.

General hygiene considerations
Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and immediately after handling the product.

9. Physical and chemical properties

Appearance
Fine powder

Physical state
Solid.

Color
Red

Odor
Odorless

Odor threshold
No information available

pH
Not applicable

Melting point/freezing point
No information available

Initial boiling point and boiling range
Not applicable

Flash point
Not applicable

Evaporation rate
Not available.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Not flammable

Flammability limit - upper (%)
Not available.

Explosive limit - lower (%)
Not available.

Explosive limit - upper (%)
Not available.

Vapor pressure
Not applicable

Solubility(ies)

Solubility (water)
Not available.

Partition coefficient (n-octanol/water)
Not available.

Auto-ignition temperature
No data available

Decomposition temperature
> 392 °F (> 200 °C)

Viscosity
Not applicable

Other information

Specific gravity
4.4 g/ml (20°C, 68°F)

Other information
Not available.

10. Stability and reactivity

Reactivity
Not available.

Chemical stability
Stable under normal storage conditions.
Possibility of hazardous reactions  
Stable

Conditions to avoid  
Heat, sparks, flames. Sunlight. Avoid dust close to ignition sources.

Incompatible materials  
This product may react with strong oxidizing agents. This product may react with strong acids.

Hazardous decomposition products  
Carbon monoxide and carbon dioxide. Hydrogen.

11. Toxicological information

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. LD50/oral/rat >5000 mg/kg

Skin corrosion/irritation  
Based on available data, the classification criteria are not met. Not a known irritant. (OECD 404)

Serious eye damage/eye irritation  
Based on available data, the classification criteria are not met. Not a known irritant. (OECD 405)

Respiratory or skin sensitization

Respiratory sensitization  
Based on available data, the classification criteria are not met.

Skin sensitization  
Based on available data, the classification criteria are not met.

Germ cell mutagenicity  
Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium)

Carcinogenicity  
Based on available data, the classification criteria are not met.

IARC Monographs. Overall Evaluation of Carcinogenicity

Silica (CAS Trade Secret)  
3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity  
Based on available data, the classification criteria are not met.

Specific target organ toxicity

- single exposure  
Based on available data, the classification criteria are not met.

- repeated exposure  
Based on available data, the classification criteria are not met.

Aspiration hazard  
Based on available data, the classification criteria are not met.

Further information

Complete toxicity data are not available for this specific formulation
Refer to Section 2 for potential health effects and Section 4 for first aid measures.

In a study in rats (H.Muhle) by chronic inhalation exposure to a typical toner, a mild to moderate degree of lung fibrosis was observed in 92% of the rats in the concentration(16mg/m3) exposure group, and a minimal to mild degree of fibrosis was noted in 22% of the animals in the middle (4mg/m3) exposure group. But no pulmonary changes was reported in the lowest (1mg/m3) exposure group, the most relevant level to potential human exposures.

Components

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mouse</td>
<td>&gt; 15000 mg/kg</td>
</tr>
<tr>
<td>Rat</td>
<td>&gt; 22500 mg/kg</td>
</tr>
</tbody>
</table>

12. Ecological information

Persistence and degradability  
Not available.

Bioaccumulative potential  
Not available.

Mobility in soil  
Not available.

Other adverse effects  
Not available.
13. Disposal considerations

Disposal instructions

Dispose of in compliance with federal, state, and local regulations. Do not shred toner cartridge, unless dust-explosion prevention measures are taken. Do not put toner container into fire; heated toner may cause severe burns. Do not incinerate. Do not allow this material to drain into sewers/water supplies.

HP’s Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine if this service is available in your location, please visit http://www.hp.com/recycle.

14. Transport information

DOT
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

ADR
Not regulated as dangerous goods.

Further information
Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

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 listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312
Hazardous chemical
No

Other federal regulations

Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations

US. Massachusetts RTK - Substance List
Paraffin wax (CAS Trade Secret)
Silica (CAS Trade Secret)

US. New Jersey Worker and Community Right-to-Know Act
Paraffin wax (CAS Trade Secret)

US. Pennsylvania Worker and Community Right-to-Know Law
Paraffin wax (CAS Trade Secret)
Silica (CAS Trade Secret)

US. Rhode Island RTK
Not regulated.
Material name: Z7Y72A
14330  Version #: 01  Issue date: 25-Apr-2017

US. California Proposition 65
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.

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

Issue date  25-Apr-2017
Version #  01

Disclaimer
This [Material] Safety Data Sheet 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 (M)SDS 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.

Manufacturer information
HP Inc.
11311 Chinden Boulevard
Boise, ID 83714 USA
(Direct) 1-503-494-7199
(Toll-free within the US) 1-800-457-4209

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