



# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identification of the preparation **Lightscribe Coating V1.2**

Manufacturer information Hewlett-Packard Company  
1000 NE Circle Boulevard  
Corvallis OR 97330-4239  
USA

Hewlett-Packard Health Effects Line  
(Toll free within the US) 1-800-457-4209  
(Direct) 1-503-494-7199

Date Prepared 1 July 2006

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	% by weight	EU Number	EU Classification
Acrylate compounds	< 50	Not specified	Xi; R36/38, R43
Activator	< 30	Not specified	R52/53
Dye developer	< 10	Not specified	N; R51-53
Photoinitiator 1	< 6	Not specified	Xn; R22, R50-53
Photoinitiator 2	< 2	Not specified	Not classified
Acrylic resin	< 5	Not specified	Xi; R36/38, R43
Substituted benzene	< 5	Not specified	Xi; R36/37/38
Substituted sulfone	< 5	Not specified	Not classified
Surfactant	< 2	Not specified	Not classified
Antenna dye	< 2	Not specified	Not classified
<b>Composition</b>	This product has been evaluated using criteria specified in 29 CFR 1910.1200		
<b>Comments</b>	(Hazard Communication Standard. This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).		

## 3. HAZARDS IDENTIFICATION

### Emergency Overview

### WARNING!

MAY CAUSE SEVERE EYE IRRITATION.  
MAY CAUSE SKIN IRRITATION OR ALLERGIC REACTION.

Product is a viscous green liquid, poorly miscible in water.  
Product will support combustion and may be ignited by extreme heat or flame.

### Acute Health Effects

#### Skin Contact

Contact with skin may result in moderate to severe irritation. May cause skin sensitization, an allergic reaction, which becomes evident on re-exposure to this material.

#### Eye Contact

Contact with eyes may result in moderate to severe irritation. Symptoms include itching, burning, redness, and tearing.

#### Inhalation

Avoid breathing vapors or mists of this product. Inhalation may result in respiratory irritation. May cause sensitization by inhalation.

#### Ingestion

May be harmful if swallowed. Ingestion may cause irritation of mouth and throat, nausea, vomiting and diarrhea.

### Potential Health Effects

#### Routes of Exposure

Potential routes of exposure under normal use conditions are skin and eye contact; and inhalation.

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**Chronic Health Effects**

Prolonged or repeated skin contact may cause skin irritation or allergic skin sensitization reaction.

**Carcinogenicity**

None of the components present in this formulation at concentrations equal to or greater than 0.1% are listed by EU, MAK, IARC, NTP, or OSHA.

## 4. FIRST AID MEASURES

### First Aid Procedures

**Eye**

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.

**Skin**

Remove contaminated clothing. Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

**Inhalation  
Ingestion**

Move to fresh air. If symptoms persist, get medical attention. If ingestion of a large amount does occur, seek medical attention.

## 5. FIRE FIGHTING MEASURES

**Flashpoint and method**

> 93.3° C (> 200° F); Pinsky-Martens Closed Cup

**Hazardous combustion products:**

Refer to section 10

**Extinguishing media:**

Dry chemical, CO<sub>2</sub>, water spray or regular foam

**Unsuitable extinguishing media:**

None known

**Unusual fire and explosion hazards:**

None known

**Special Firefighting Procedures:**

None established

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**

Wear appropriate personal protective equipment.

**Procedures if material is released or spilled**

Soak up with inert absorbent material. Slowly vacuum or sweep the material into a bag or other sealed container. Dispose of in compliance with federal, state, and local regulations. See also Section 13 Disposal considerations.

**Environmental precautions**

Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

## 7. HANDLING AND STORAGE

**Handling**

Avoid contact with skin, eyes and clothing.

**Storage**

Keep out of the reach of children.

Keep away from excessive heat and cold.

Do not handle or store near an open flame, heat or other source of ignition. Do not use containers made of metal. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limit values**

Exposure limits have not been established for this product.

ACGIH-Occupational Exposure Limits – TWAs

Substituted phenol – proprietary – 10 mg/m<sup>3</sup> TWA



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OSHA- Final PELs – Time Weighted Averages (TWAs)  
Substituted phenol – proprietary – 15 mg/m<sup>3</sup> TWA (total dust); 5 mg/m<sup>3</sup> TWA (respirable dust)

## Personal protective equipment

### General

Avoid contact with skin, eyes and clothing.

### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Launder contaminated clothing before reuse. Keep away from food and drink.

## Engineering controls

Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

## Exposure guidelines

Use in well ventilated area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

pH	Not determined
Vapor pressure	Not determined
Flash point	> 93.3° C (> 200° F)
Evaporation rate	Not determined
Oxidizing properties	Not determined
Color	Dark green

## 10. CHEMICAL STABILITY & REACTIVITY INFORMATION

Stability	Stable under recommended storage conditions
Hazardous polymerization	Will not occur
Hazardous decomposition products	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide and/or low molecular weight hydrocarbons
Incompatibility	Incompatible with strong bases and oxidizing agents

## 11. TOXICOLOGICAL INFORMATION

Complete toxicity data are not available for this specific formulation. Refer to Section 3 for potential health effects and Section 4 for first aid measures.

Symptoms and target organs	NIOSH – Pocket Guide – Target Organs Substituted phenol – proprietary – eyes, skin and respiratory system
	NIOSH – Pocket Guide – Target Organs Substituted benzene – proprietary – eyes, skin, respiratory system, liver and kidneys

## 12. ECOLOGICAL INFORMATION

Other information	This product has not been tested for ecological effects.
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## 13. DISPOSAL CONSIDERATIONS

Disposal instructions	Dispose in compliance with federal, state, and local regulations.
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## 14. TRANSPORTATION INFORMATION

General	This product, as supplied, is not regulated nor classified as a hazardous material/dangerous good by United States Department of Transportation (DOT), International Air Transport Association (IATA), European Road Regulations (ADR),
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European Rail Regulations (RID), or International Maritime Organization (IMO).

## IATA

Proper shipping name	Not applicable
Hazard class	Not applicable
Packaging exceptions	None
Identification number (UN)	None
Packing group	Not applicable

## 15. REGULATORY INFORMATION

### International regulations

All chemical substances in this product are notified or exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), and Japan (ENCS).

### EU Classification and labeling



Xi – Irritant

Contains hexamethylene diacrylate, may produce an allergic reaction.



N – Dangerous for the environment

### Risk phrases

R36/37/38 Irritating to eyes, respiratory system and skin  
R43 May cause sensitization by skin contact

R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

### Safety phrases

S24/25 Avoid contact with skin and eyes  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S36/37 Wear suitable protective clothing and gloves  
S57 Use appropriate container to avoid environmental contamination  
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

### US federal regulations

US TSCA 12(b): Contains 1-butanone, 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(4-morpholinyl)phenyl] (CASRN 119344-86-4).

### HMIS ratings

Health	2
Flammability	1
Reactivity	0

### NFPA ratings

Health	2
Flammability	1
Reactivity	0

## 16. OTHER INFORMATION

### 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 MSDS 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.