

CP797Series[A]-SDS\_BRAZIL-English-03.pdf

CP797Series[B]-SDS\_BRAZIL-English-03.pdf



# SAFETY DATA SHEET

## 1. Identification (company name & product)

**Product name** CP797Series[A]  
**Synonyms** FlexiCoat Varnish

**Recommended use and Limitations on use**  
Not available.

**Company identification** HP RIO NEGRO - SAP  
Hewlett Packard Brasil Ltda.  
Alameda Rio Negro, 750 - 2º andar - sala 03 - Alphaville  
Barueri / SP - CEP: 06454-000  
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## 2. Hazards identification

**Classification** R10, R43-66, R52/53  
**Physical hazards** Flammable.  
**Health hazards** May cause sensitization by skin contact. Repeated exposure may cause skin dryness or cracking.  
**Environmental hazards** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 3. Composition/information on ingredients

**Substance or mixture** Mixture

### Chemical property

Chemical name	CAS Number	Concentration (%)
Propylene Glycol Monomethyl Ether Acetate	108-65-6	<50
Polyester Polyol	N/A	<40
n-Butyl Acetate	123-86-4	<15
2,4-Pentanedione	123-54-6	<10
Benzotriazole derivitive	Mixture	<5
Amine Light Stabilizer	Mixture	<2.5
Cellulose, Acetate Butyrate	Mixture	<2.5

## 4. First aid measures

### First aid measures for different exposure routes

**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.

**Personal protection for first-aid responders** Not available.

**Notes to physician** Not available.

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## 5. Fire-fighting measures

<b>Flash point</b>	95.90 °F (35.50 °C) Closed Cup
<b>Extinguishing media</b>	Dry powder. Carbon dioxide (CO <sub>2</sub> ). Water may be ineffective.
<b>Extinguishing media to avoid</b>	Water.
<b>Specific hazards during fire fighting</b>	Not available.
<b>Special fire fighting procedures</b>	Move containers from fire area if you can do it without risk.
<b>Protection of fire-fighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways.
<b>Specific hazards arising from combustion</b>	Not available.

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## 6. Accidental release measures

<b>Personal precautions</b>	Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
<b>Environmental precautions</b>	Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.
<b>Emergency procedures</b>	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
<b>Spill cleanup methods</b>	Not available.

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## 7. Handling and storage

<b>Handling</b>	
<b>Precautions</b>	Impervious gloves should be used at all times when handling this product. Avoid contact with eyes, skin, and clothing. Task is followed by a period of evaporation, drying or curing. Equipment used for curing must be adequately exhausted.
<b>Safe handling advice</b>	Not available.
<b>Storage</b>	
<b>Technical measures</b>	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.
<b>Suitable storage conditions</b>	Not available.
<b>Incompatible materials</b>	Not available.

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## 8. Exposure controls/personal protection

### Exposure limits

#### US. ACGIH Threshold Limit Values

Components	Type	Value
2,4-Pentanedione (CAS 123-54-6)	TWA	25 ppm
n-Butyl Acetate (CAS 123-86-4)	STEL	200 ppm
	TWA	150 ppm

<b>Engineering measures</b>	Not available.
<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	Full face filter respirator. Provide adequate ventilation. The following actions are recommended : Carry out in a vented booth or extracted enclosure.
<b>Hand protection</b>	Not available.
<b>Eye protection</b>	Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
<b>Skin and body protection</b>	Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing.
<b>Thermal hazards</b>	Not available.
<b>Hygiene measures</b>	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.

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## 9. Physical and chemical properties

<b>Appearance</b>	Not available.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Clear.
<b>Odor</b>	Characteristic.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Boiling point, initial boiling point, and boiling range</b>	Not available.
<b>Flash point</b>	95.90 °F (35.50 °C) Closed Cup
<b>Auto-ignition temperature</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other data</b>	
<b>VOC (Weight %)</b>	< 950 g/L

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## 10. Stability and reactivity

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

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## 11. Toxicological information

<b>Serious eye damage/eye irritation</b>	Not available.
<b>Sensitization</b>	May cause sensitization by skin contact.
<b>Other information</b>	Complete toxicity data are not available for this specific formulation

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## 12. Ecological information

<b>Aquatic toxicity</b>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Ecotoxicological data</b>	

Components	Species	Test Results
2,4-Pentanedione (CAS 123-54-6)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Ceriodaphnia reticulata) 72 - 78 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus) 58.4 - 76.6 mg/l, 96 hours
n-Butyl Acetate (CAS 123-86-4)		
<b>Aquatic</b>		
Fish	LC50	Fathead minnow (Pimephales promelas) 17 - 19 mg/l, 96 hours
<b>Ecotoxicity</b>	Not available.	
<b>Persistence and degradability</b>	Not available.	
<b>Bioaccumulation</b>	Not available.	
<b>Bioaccumulative potential</b>		
<b>Octanol/water partition coefficient log Kow</b>		
2,4-Pentanedione		0.14
n-Butyl Acetate		1.78
<b>Mobility in soil</b>	Not available.	
<b>Other hazardous effects</b>	Not available.	

### 13. Disposal considerations

<b>Residual waste</b>	Not available.
<b>Contaminated packaging</b>	Not available.
<b>Local disposal regulations</b>	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

#### International regulations

##### IATA

<b>UN number</b>	UN1263
<b>Proper shipping name</b>	Paint
<b>Hazard class</b>	3
<b>Packing group</b>	III
<b>Special transport precautions and conditions</b>	Not available.

##### IMDG

<b>UN number</b>	UN1263
<b>Proper shipping name</b>	Paint
<b>Hazard class</b>	3
<b>Packing group</b>	III
<b>Special transport precautions and conditions</b>	Not available.

##### IATA; IMDG



##### ADR

<b>UN number</b>	1263
<b>Proper shipping name</b>	Paint

**Hazard class** 3  
**Packing group** III



**ADR**

**RID**

**Proper shipping name** Paint  
**Hazard class** 3  
**UN number** 1263  
**Packing group** III



**RID**

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**15. Regulatory information**

**Applicable regulations**

**Montreal Protocol**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Stockholm Convention**

Not applicable.

**Labeling**

**Contains**

2,4-Pentanedione, Amine Light Stabilizer, Benzotriazole derivative, Cellulose, Acetate Butyrate, n-Butyl Acetate, Polyester Polyol, Propylene Glycol Monomethyl Ether Acetate

**Symbol(s)**



Irritant

**Labelling**

**R-phrases(s)**

R10 Flammable.  
R43 May cause sensitization by skin contact.  
R66 Repeated exposure may cause skin dryness or cracking.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S-phrases(s)**

S9 Keep container in a well-ventilated place.  
S16 Keep away from sources of ignition - No smoking.  
S24 Avoid contact with skin.  
S37 Wear suitable gloves.  
S61 Avoid release to the environment. Refer to special instructions/ Safety data sheets.

**Regulatory information**

The components of this product are reported in the following inventories: United States of America, Australia, China, Korea and Philippines.

## 16. Other information

### Recommended use and Limitations on use

**Recommended use** Not available.

**Limitations on use** Not available.

**List of abbreviations** Not available.

**References** Not available.

### 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.

### Manufacturer information

Hewlett-Packard Company  
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### Explanation of abbreviations

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CAS</b>	Chemical Abstracts Service
<b>CERCLA</b>	Comprehensive Environmental Response Compensation and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>COC</b>	Cleveland Open Cup
<b>DOT</b>	Department of Transportation
<b>EPCRA</b>	Emergency Planning and Community Right-to-Know Act (aka SARA)
<b>IARC</b>	International Agency for Research on Cancer
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>REC</b>	Recommended
<b>REL</b>	Recommended Exposure Limit
<b>SARA</b>	Superfund Amendments and Reauthorization Act of 1986
<b>STEL</b>	Short-Term Exposure Limit
<b>TCLP</b>	Toxicity Characteristics Leaching Procedure
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substances Control Act
<b>VOC</b>	Volatile Organic Compounds



## SAFETY DATA SHEET

### 1. Identification (company name & product)

**Product name** CP797Series[B]  
**Synonyms** FlexiCoat Hardener

**Recommended use and Limitations on use**

Not available.

**Company identification** HP RIO NEGRO - SAP  
Hewlett Packard Brasil Ltda.  
Alameda Rio Negro, 750 - 2º andar - sala 03 - Alphaville  
Barueri / SP - CEP: 06454-000  
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(Direct) 1-208-323-2551  
Email: hpcustomer.inquiries@hp.com

### 2. Hazards identification

**Classification** R10, Xn;R20, Xi;R37, R43  
**Physical hazards** Flammable.  
**Health hazards** Harmful by inhalation. Irritating to respiratory system. May cause sensitization by skin contact.  
**Environmental hazards** Not classified as an environmental hazard.

### 3. Composition/information on ingredients

**Substance or mixture** Mixture

**Chemical property**

Chemical name	CAS Number	Concentration (%)
Propylene Glycol Monomethyl Ether Acetate	108-65-6	<60
Hexamethylene-1,6-diisocyanate Homopolymer	28182-81-2	<50
n-Butyl Acetate	123-86-4	< 7.5

### 4. First aid measures

**First aid measures for different exposure routes**

**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.

**Personal protection for first-aid responders** Not available.

**Notes to physician** Not available.

### 5. Fire-fighting measures

**Flash point** 107.60 °F (42.00 °C) Closed Cup  
**Extinguishing media** Dry powder. Carbon dioxide (CO2). Water may be ineffective.  
**Extinguishing media to avoid** Water.



<b>Specific hazards during fire fighting</b>	Not available.
<b>Special fire fighting procedures</b>	Not available.
<b>Protection of fire-fighters</b>	Avoid runoff into storm sewers and ditches which lead to waterways.
<b>Specific hazards arising from combustion</b>	Not available.

## 6. Accidental release measures

<b>Personal precautions</b>	Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
<b>Environmental precautions</b>	Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.
<b>Emergency procedures</b>	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
<b>Spill cleanup methods</b>	Not available.

## 7. Handling and storage

### Handling

**Precautions** Impervious gloves should be used at all times when handling this product. Avoid contact with eyes, skin, and clothing. Task is followed by a period of evaporation, drying or curing. Equipment used for curing must be adequately exhausted. Do not eat, drink or smoke when using the product.

**Safe handling advice** Not available.

### Storage

**Technical measures** 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.

**Suitable storage conditions** Not available.

**Incompatible materials** Not available.

## 8. Exposure controls/personal protection

### Exposure limits

#### US. ACGIH Threshold Limit Values

Components	Type	Value
n-Butyl Acetate (CAS 123-86-4)	STEL	200 ppm
	TWA	150 ppm

**Engineering measures** Not available.

### Personal protective equipment

**Respiratory protection** Full face filter respirator. Provide adequate ventilation. The following actions are recommended : Carry out in a vented booth or extracted enclosure.

**Hand protection** Not available.

**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 gloves.  
Wear appropriate chemical resistant clothing.

**Thermal hazards** Not available.

### 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

<b>Appearance</b>	Not available.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Not available.
<b>Odor</b>	Characteristic.

<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Boiling point, initial boiling point, and boiling range</b>	Not available.
<b>Flash point</b>	107.60 °F (42.00 °C) Closed Cup
<b>Auto-ignition temperature</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other data</b>	
<b>VOC (Weight %)</b>	< 1000 g/L

## 10. Stability and reactivity

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

## 11. Toxicological information

<b>Serious eye damage/eye irritation</b>	Not available.
<b>Sensitization</b>	May cause sensitization by skin contact.
<b>Other information</b>	Complete toxicity data are not available for this specific formulation

## 12. Ecological information

<b>Aquatic toxicity</b>	No information available.
<b>Ecotoxicological data</b>	

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
n-Butyl Acetate (CAS 123-86-4)		
<b>Aquatic</b>		
Fish	LC50	Fathead minnow (Pimephales promelas) 17 - 19 mg/l, 96 hours

<b>Ecotoxicity</b>	Not available.
<b>Persistence and degradability</b>	Not available.
<b>Bioaccumulation</b>	Not available.

**Bioaccumulative potential**

**Octanol/water partition coefficient log Kow**

n-Butyl Acetate 1.78

**Mobility in soil** Not available.

**Other hazardous effects** Not available.

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13. Disposal considerations

**Residual waste** Not available.

**Contaminated packaging** Not available.

**Local disposal regulations** 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.

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14. Transport information

**International regulations**

**IATA**

**UN number** UN1263  
**Proper shipping name** Paint  
**Hazard class** 3  
**Packing group** III  
**Special transport precautions and conditions** Not available.

**IMDG**

**UN number** UN1263  
**Proper shipping name** Paint  
**Hazard class** 3  
**Packing group** III  
**Special transport precautions and conditions** Not available.

**IATA; IMDG**



**ADR**

**UN number** 1263  
**Proper shipping name** Paint  
**Hazard class** 3  
**Packing group** III



**ADR**

**RID**

**Proper shipping name** Paint  
**Hazard class** 3  
**UN number** 1263  
**Packing group** III



**RID**

15. Regulatory information

**Applicable regulations**

**Montreal Protocol**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Stockholm Convention**

Not applicable.

**Labeling**

**Contains**

Hexamethylene-1,6-diisocyanate Homopolymer, n-Butyl Acetate, Propylene Glycol Monomethyl Ether Acetate

**Symbol(s)**



Harmful

**Labelling**

**R-phrases(s)**

R10 Flammable.  
R20 Harmful by inhalation.  
R37 Irritating to respiratory system.  
R43 May cause sensitization by skin contact.  
R66 Repeated exposure may cause skin dryness or cracking.

**S-phrases(s)**

S9 Keep container in a well-ventilated place.  
S16 Keep away from sources of ignition - No smoking.  
S24 Avoid contact with skin.  
S37 Wear suitable gloves.  
S51 Use only in well-ventilated areas.

**Regulatory information**

The components of this product are reported in the following inventories: United States of America, Australia, China, Korea and Philippines.

16. Other information

**Recommended use and Limitations on use**

**Recommended use** Not available.

**Limitations on use** Not available.

**List of abbreviations** Not available.

**References** Not available.

**Disclaimer**

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**Manufacturer information**

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Palo Alto, California 94304-1112 US  
(Direct) +972 (9) 892-4628

**Explanation of abbreviations**

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CAS</b>	Chemical Abstracts Service
<b>CERCLA</b>	Comprehensive Environmental Response Compensation and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>COC</b>	Cleveland Open Cup
<b>DOT</b>	Department of Transportation
<b>EPCRA</b>	Emergency Planning and Community Right-to-Know Act (aka SARA)
<b>IARC</b>	International Agency for Research on Cancer
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>REC</b>	Recommended
<b>REL</b>	Recommended Exposure Limit
<b>SARA</b>	Superfund Amendments and Reauthorization Act of 1986
<b>STEL</b>	Short-Term Exposure Limit
<b>TCLP</b>	Toxicity Characteristics Leaching Procedure
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substances Control Act
<b>VOC</b>	Volatile Organic Compounds