



# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name or designation of the mixture CN867Series  
Registration number -  
Synonyms HP FB210 White Scitex Ink  
Issue date 06-Sep-2013  
Version number 10  
Revision date 14-Feb-2018  
Supersedes date 15-Aug-2016

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Inkjet printing  
Uses advised against None known.

### 1.3. Details of the supplier of the safety data sheet

HP France SAS  
1, Avenue du Canada  
Les Ulis, 91947  
France  
Telephone 0 820 211 211

### 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

1.4 Emergency telephone number + 33 (0)1 45 42 59 59

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended

#### Health hazards

Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.
Serious eye damage/eye irritation	Category 1	H318 - Causes serious eye damage.
Skin sensitization	Category 1	H317 - May cause an allergic skin reaction.
Reproductive toxicity (fertility, the unborn child)	Category 1B	H360FD - May damage fertility. May damage the unborn child.
Specific target organ toxicity - single exposure	Category 3 respiratory tract irritation	H335 - May cause respiratory irritation.
Specific target organ toxicity - repeated exposure	Category 1 (liver, respiratory system)	H372 - Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.

#### Environmental hazards

Hazardous to the aquatic environment, long-term aquatic hazard	Category 3	H412 - Harmful to aquatic life with long lasting effects.
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### 2.2. Label elements

## Label according to Regulation (EC) No. 1272/2008 as amended

**Contains:** 1-vinylhexahydro-2H-azepin-2-one, 2-methyl-1-(4-methylthiophenyl)- 2-morpholinopropan-1-one, 2-Propenoic acid, (2,4,6-trioxo-1,3,5-triazine-1,3,5(2H,4H,6H)-triylo)tri-2,1-ethanediylo ester, Butyl substituted ethyl acrylate, Diphenyl (2,4,6-trimethylbenzoyl) phosphine, Propoxylated glycerol triacrylate, Tetrahydrofurfuryl acrylate

### Hazard pictograms



**Signal word** Danger

### Hazard statements

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H360FD May damage fertility. May damage the unborn child.  
H335 May cause respiratory irritation.  
H372 Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.  
H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

#### Prevention

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
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.  
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.  
P310  
P308 + P313 IF exposed or concerned: Get medical attention/advice.  
P362 Take off contaminated clothing and wash before reuse.

#### Storage

P405 Store locked up.  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

#### Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Supplemental label information** None.

### 2.3. Other hazards

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

Titanium dioxide is classified by IARC as a Group 2B carcinogen, meaning there is inadequate evidence in humans for the carcinogenicity of titanium dioxide, but there is sufficient evidence in experimental animals for the carcinogenicity of titanium dioxide. Exposure to titanium dioxide in this product is unlikely because it is a component of a liquid ink and is bound to other ink components.

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.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Butyl substituted ethyl acrylate	<40	Proprietary	-	-	

**Classification:** Skin Irrit. 2;H315, Eye Irrit. 2;H319, STOT SE 3;H335

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
1-vinylhexahydro-2H-azepin-2-one	<30	2235-00-9 218-787-6	01-2119977109-27-XXXX	-	
<b>Classification:</b>	Acute Tox. 4;H302, Acute Tox. 4;H312, Skin Sens. 1B;H317, Eye Irrit. 2;H319, STOT RE 1;H372				
Tetrahydrofurfuryl acrylate	<15	2399-48-6 219-268-7	-	-	
<b>Classification:</b>	Skin Corr. 1C;H314				
Titanium dioxide pigment blend	<15	13463-67-7 236-675-5	01-2119489379-17-XXXX	-	
<b>Classification:</b>	-				
2-Propenoic acid, (2,4,6-trioxo-1,3,5-triazine-1,3,5(2H,4 H,6H)-triyli)tri-2,1-ethanediyl ester	<10	40220-08-4 254-843-6	-	-	
<b>Classification:</b>	Eye Dam. 1;H318				
2-methyl-1-(4-methylthiophenyl)- 2-morpholinopropan-1-one	<5	71868-10-5 400-600-6	-	606-041-00-6	
<b>Classification:</b>	Acute Tox. 4;H302, Repr. 1B;H360D, Repr. 1B;H360F, Aquatic Chronic 2;H411				
Diphenyl (2,4,6-trimethylbenzoyl) phosphine	<5	75980-60-8 278-355-8	01-2119972295-29-XXXX	015-203-00-X	
<b>Classification:</b>	Skin Sens. 1B;H317, Repr. 2;H361f, Aquatic Chronic 2;H411				
Propoxylated glycerol triacrylate	<0.1	52408-84-1 500-114-5	01-2119487948-12-0010	-	
<b>Classification:</b>	Skin Sens. 1;H317, Eye Irrit. 2;H319				

## SECTION 4: First aid measures

**General information** Not available.

### 4.1. Description of 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.

**4.2. Most important symptoms and effects, both acute and delayed** Not available.

**4.3. Indication of any immediate medical attention and special treatment needed** Not available.

## SECTION 5: Firefighting measures

**General fire hazards** Not available.

### 5.1. Extinguishing media

**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.

**5.2. Special hazards arising from the substance or mixture** Not available.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Not available.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** Wear appropriate personal protective equipment.

**For emergency responders** Not available.

**6.2. Environmental precautions** See also section 13 Disposal considerations. Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

**6.3. Methods and material for containment and cleaning up** Not available.

**6.4. Reference to other sections** Not available.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling** Avoid contact with skin, eyes and clothing.

**7.2. 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.

**7.3. Specific end use(s)** Not available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits**

**France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984**

Components	Type	Value
Titanium dioxide pigment blend (CAS 13463-67-7)	VME	10 mg/m3

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

**Recommended monitoring procedures** Not available.

**Derived no effect levels (DNELs)**

Components	Type	Route	Value	Form
1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)	Workers	Dermal	0.7 mg/kg	Systemic long term
		Inhalation	4.9 mg/m3	Systemic long term
		Inhalation	0.17 mg/m3	Local long term
Diphenyl (2,4,6-trimethylbenzoyl) phosphine (CAS 75980-60-8)	Workers	Dermal	1 mg/kg	Systemic long term
		Inhalation	3.5 mg/m3	Systemic long term
Propoxylated glycerol triacrylate (CAS 52408-84-1)	Workers	Dermal	1.92 mg/kg	Systemic long term
		Inhalation	16.22 mg/m3	Systemic long term

**Predicted no effect concentrations (PNECs)**

Components	Type	Route	Value	Form
1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)	Not applicable	Freshwater	0.1 mg/l	
		Intermittent	1 mg/l	Releases
		Marine water	0.01 mg/l	
		Sediment	0.829 mg/kg	Freshwater
		Sediment	0.0829 mg/kg	Marine water
		Soil	0.107 mg/kg	
		STP	262 mg/l	Sewage Treatment Plant
Diphenyl (2,4,6-trimethylbenzoyl) phosphine (CAS 75980-60-8)	Not applicable	Freshwater	0.00353 mg/l	
		Intermittent	0.0353 mg/l	Releases
		Marine water	0.0005353 mg/l	
		Sediment	0.29 mg/kg	Freshwater
		Sediment	0.029 mg/kg	Marine water
Soil	0.0557 mg/kg			

Components	Type	Route	Value	Form
Propoxylated glycerol triacrylate (CAS 52408-84-1)	Not applicable	Freshwater	0.00574 mg/l	
		Intermittent	0.0574 mg/l	Releases
		Marine water	0.01697 mg/kg	
		Sediment	0.001697 mg/kg	Marine water
		Soil	0.00111 mg/kg	
		STP	10 mg/l	Sewage Treatment Plant
<b>Exposure guidelines</b>	Exposure limits have not been established for this product.			
<b>8.2. Exposure controls</b>				
<b>Appropriate engineering controls</b>	Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.			
<b>Individual protection measures, such as personal protective equipment</b>				
<b>General information</b>	Not available.			
<b>Eye/face protection</b>	Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.			
<b>Skin protection</b>				
<b>- Hand protection</b>	Wear appropriate chemical resistant gloves. Recommended gloves: Nitrile 6 mil minimum thickness.			
<b>- Other</b>	Wear appropriate chemical resistant clothing.			
<b>Respiratory protection</b>	Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.			
<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.			
<b>Environmental exposure controls</b>	Not available.			

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

<b>Physical state</b>	Not available.
<b>Form</b>	Liquid.
<b>Color</b>	White.
<b>Odor</b>	Characteristic.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	> 161.6 °F (> 72.0 °C) Closed Cup EPA Method 1020
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</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>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.

<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.
<b>9.2. Other information</b>	
<b>VOC</b>	< 95 g/L Method 24/ASTM D5409-93

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## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	Not available.
<b>10.2. Chemical stability</b>	Stable under normal storage conditions.
<b>10.3. Possibility of hazardous reactions</b>	Hazardous polymerization can occur with decreased inhibitor content.
<b>10.4. Conditions to avoid</b>	Exposure to sunlight.
<b>10.5. Incompatible materials</b>	Incompatible with strong bases and oxidizing agents. alkaline metals
<b>10.6. Hazardous decomposition products</b>	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

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## SECTION 11: Toxicological information

<b>General information</b>	Not available.
<b>Information on likely routes of exposure</b>	
<b>Inhalation</b>	May cause irritation to the respiratory system.
<b>Skin contact</b>	Causes skin irritation. May cause sensitization by skin contact.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	Ingestion is not a likely route of exposure.
<b>Symptoms</b>	Not available.
<b>11.1. Information on toxicological effects</b>	
<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.
<b>Respiratory sensitization</b>	Based on available data, the classification criteria are not met.
<b>Skin sensitization</b>	May cause sensitization by skin contact.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>	
Titanium dioxide pigment blend (CAS 13463-67-7)	2B Possibly carcinogenic to humans.
<b>Reproductive toxicity</b>	May damage fertility. May damage the unborn child.
<b>Specific target organ toxicity - single exposure</b>	May cause irritation to the respiratory system.
<b>Specific target organ toxicity - repeated exposure</b>	Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Mixture versus substance information</b>	Not available.
<b>Other information</b>	Complete toxicity data are not available for this specific formulation

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## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	
<b>Aquatic toxicity</b>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Components</b>	<b>Species</b> <b>Test Results</b>
Titanium dioxide pigment blend (CAS 13463-67-7)	
<b>Aquatic</b>	
Crustacea	EC50 Water flea (Daphnia magna) > 1000 mg/l, 48 hours
Fish	LC50 Mummichog (Fundulus heteroclitus) > 1000 mg/l, 96 hours
<b>12.2. Persistence and degradability</b>	Not available.
<b>12.3. Bioaccumulative potential</b>	Not available.

<b>Partition coefficient n-octanol/water (log K<sub>ow</sub>)</b>	Not available.
<b>Bioconcentration factor (BCF)</b>	Not available.
<b>12.4. Mobility in soil</b>	Not available.
<b>12.5. Results of PBT and vPvB assessment</b>	Not a PBT or vPvB substance or mixture.
<b>12.6. Other adverse effects</b>	Not available.

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Residual waste</b>	Not available.
<b>Contaminated packaging</b>	Not available.
<b>EU waste code</b>	Not available.
<b>Disposal methods/information</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.

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## SECTION 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.

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## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I**

Not listed.

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II**

Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA**

Not listed.

#### Authorizations

**Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization**

Not listed.

#### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Not listed.

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work**

Not regulated.

## Other EU regulations

### Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

2-methyl-1-(4-methylthiophenyl)- 2-morpholinopropan-1-one (CAS 71868-10-5)

## Other regulations

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, South Korea, New Zealand, and China.

## Other information

This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No 1272/2008 as amended.

Specific Provisions: Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (in the amended version OJ L 396 from 29.05.2007 page 3 with further rectifications and amendments).

## National regulations

Not available.

## 15.2. Chemical safety assessment

See attached SUMI or GEIS document, if applicable.

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## SECTION 16: Other information

### References

Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency (REACH).

Regulation (EU) 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006.

Regulation (EC) No. 1272/2008 of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and amendments (CLP).

### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

### Full text of any H-statements not written out in full under Sections 2 to 15

H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H360D May damage the unborn child.  
H360F May damage fertility.  
H361f Suspected of damaging fertility.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.

### Revision information

This document has undergone significant changes and should be reviewed in its entirety.

### Training information

Follow training instructions when handling this material.

### 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.



## 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

# Safe Use of Mixture Information (SUMI)

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## UV digital printing inks: UV01 \*English\*





### Disclaimer

*This SUMI is a generic document for communicating conditions of safe use of a product in response to the REACH obligation. This document relates only to conditions of safe use and is not specific to a product. By adding this SUMI to a specific product SDS, the importer/formulator declares that the mixture can safely be used following the instructions below. Following occupational health legislation, the employer of workers remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product. Derived No Effect Levels (DNEL) and Predicted No Effect Concentration (PNEC) values of substances derived from the Chemical Safety Assessment (CSA) will be given in section 8 of the SDS.  
The REACH registration number(s), where applicable, completes an extended product SDS.*

### Operational conditions

<b>Maximum duration</b>	Up to 8 hours per day
<b>Frequency of exposure</b>	< 240 days per year
<b>Process conditions</b>	Covers use at ambient temperatures. Adequate ventilation should be provide for the areas where printing is performed. ANSI/ASHRAE Standard 62.1-2013 provides guidelines to ensure acceptable air quality in the workspace. Keep emissions below the occupational exposure limits of the ingredients specified in section 8 of the SDS. Avoid direct contact. Regular cleaning of equipment and work area. Supervision in place to check that Risk Management Measures are in place are being correctly used and Operational Conditions foll

### Risk management measures

<b>Conditions and measures related to Personal Protection Equipment, hygiene and health evaluation</b>	<p>Wear safety glasses with side shields (or goggles), if splashing is possible. Wear appropriate chemical resistant gloves: see section 8 of the SDS. Wear appropriate chemical resistant clothing. Eye wash fountain and emergency showers are recommended. Avoid breathing mist/vapours. Avoid contact with skin, eyes and clothing. Training of workers in relation to proper use and maintenance of all Personal protection equipment (PPE) must be ensured.</p> <div style="display: flex; justify-content: space-around; align-items: center;">     </div>
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### Good practice advice

<p>Use personal protective equipment as required. Wash hands before breaks and after work. Keep good industrial hygiene and safety practice. Use only with adequate ventilation. Do no eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Store in a well-ventilated place. Keep container tightly closed. Store at room temperature.</p>	 
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### Environmental measures

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 appropriately licenced waste contractor.

### Use descriptors

IS-Use at industrial sites  
PW-Widespread use by professional workers  
SU7-Printing and reproduction media  
PC18-Inks and Toners  
PROC1-Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.  
PROC2-Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions  
PROC3- Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition  
PROC8a-Transfer of substance or mixture (charging and discharging) at non-dedicated facilities  
PROC8b-Transfer of substance or mixture (charging and discharging) at dedicated facilities  
ERC5-Use at industrial site leading to inclusion into/onto article  
ERC8c-Widespread use leading to inclusion into/onto article (indoor)

### Additional information on product composition

In section 2 of the SDS as well as on the label, the classification of the mixture is provided.  
The classification of the mixture is based on the individual ingredients and their concentration within the mixture.  
All ingredients contributing to the classification are stated in Section 3 of the SDS.  
Relevant limit values of ingredients on which the exposure assessment is based, are listed in section 8 of the SDS.  
The product may contain sensitizing ingredients that may cause allergic reaction to certain people.  
Section 2 of the SDS states these ingredients where applicable.  
The product is classified as toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.