



# 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** CV119Series  
**Registration number** -  
**Synonyms** None.  
**Issue date** 15-Jul-2014  
**Version number** 03  
**Revision date** 27-Jun-2016  
**Supersedes date** 18-Aug-2015

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

**Identified uses** Inkjet printing

**Uses advised against** None known.

### Company identification

HP Deutschland GmbH  
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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

#### Physical hazards

Flammable liquids Category 2

H225 - Highly flammable liquid and vapor.

#### Health hazards

Serious eye damage/eye irritation Category 1

H318 - Causes serious eye damage.

### 2.2. Label elements

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

**Contains:** Acetone, Black Colorant, ethanol, n-Propyl Alcohol

#### Hazard pictograms



#### Signal word

Danger

#### Hazard statements

H225 Highly flammable liquid and vapor.  
H318 Causes serious eye damage.

#### Precautionary statements

##### Prevention

P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/Bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ventilating/lighting/equipment.  
P242 - Use only non-sparking tools.

<b>Response</b>	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician. P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P370 + P378 - In case of fire: Use sand, carbon dioxide (CO2) or dry chemical to extinguish.
<b>Storage</b>	P403 + P235 - Store in a well-ventilated place. Keep cool.
<b>Disposal</b>	
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Supplemental label information</b>	None.
<b>2.3. Other hazards</b>	None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
ethanol	<80	64-17-5 200-578-6	-	603-002-00-5	
<b>Classification:</b>	Flam. Liq. 2;H225				
Black Colorant	<15	Proprietary -	-	-	
<b>Classification:</b>	-				
n-Propyl Alcohol	<10	71-23-8 200-746-9	-	603-003-00-0	
<b>Classification:</b>	Flam. Liq. 2;H225, Eye Dam. 1;H318, STOT SE 3;H336				
Acetone	<7.5	67-64-1 200-662-2	-	606-001-00-8	#
<b>Classification:</b>	Flam. Liq. 2;H225, Eye Irrit. 2;H319, STOT SE 3;H336				

## SECTION 4: First aid measures

**General information** Not available.

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move to fresh air. If symptoms persist, get medical attention.
<b>Skin contact</b>	Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
<b>Eye contact</b>	Immediately flush eye(s) with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists get medical attention.
<b>Ingestion</b>	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** Suitable extinguishing media: sand, carbon dioxide (CO2) or dry chemical.

<b>Unsuitable extinguishing media</b>	Not available.
<b>5.2. Special hazards arising from the substance or mixture</b>	Not available.
<b>5.3. Advice for firefighters</b>	
<b>Special protective equipment for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Special fire fighting procedures</b>	Containers can build up pressure if exposed to heat (fire). Use water spray to cool unopened containers.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel</b>	Evacuate the area promptly. Do not touch or walk through spilled material. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ensure adequate ventilation. Wear appropriate personal protective equipment.
<b>For emergency responders</b>	Not available.

**6.2. Environmental precautions** Avoid release to the environment. Refer to special instructions/safety data sheets.

**6.3. Methods and material for containment and cleaning up** Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

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

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling** Do not handle or store near an open flame, heat or other sources of ignition. Use with adequate ventilation. Take precautionary measures against static discharges.

**7.2. Conditions for safe storage, including any incompatibilities** Keep container closed when not in use. Keep away from heat and sources of ignition. Keep only in original container.

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

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	1200 mg/m <sup>3</sup> 500 ppm
ethanol (CAS 64-17-5)	TWA	960 mg/m <sup>3</sup> 500 ppm

##### Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

Components	Type	Value
Acetone (CAS 67-64-1)	AGW	1200 mg/m <sup>3</sup> 500 ppm
ethanol (CAS 64-17-5)	AGW	960 mg/m <sup>3</sup> 500 ppm

##### EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m <sup>3</sup> 500 ppm

### Recommended monitoring procedures

**Additional exposure data** Not available.

## Biological limit values

### Germany. TRGS 903, BAT List (Biological Limit Values)

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	80 mg/l	Aceton	Urine	*

\* - For sampling details, please see the source document.

**Recommended monitoring procedures** Not available.

### Derived no-effect level (DNEL)

Components	Type	Route	Value	Form
Acetone (CAS 67-64-1)	Consumers	Dermal	62 mg/kg	Systemic long term
		Inhalation	200 mg/m3	Systemic long term
		Oral	62 mg/kg	Systemic long term
	Workers	Dermal	186 mg/kg	Systemic long term
		Inhalation	2420 mg/m3	Local short term
		Inhalation	1210 mg/m3	Systemic long term
ethanol (CAS 64-17-5)	Workers	Dermal	343 mg/kg	Systemic long term
		Inhalation	950 mg/m3	Systemic long term
		Inhalation	1900 mg/m3	Local short term
n-Propyl Alcohol (CAS 71-23-8)	Consumers	Dermal	81 mg/kg	Systemic long term
		Inhalation	80 mg/m3	Systemic long term
		Inhalation	1036 mg/m3	Systemic short term
	Workers	Oral	61 mg/kg	Systemic long term
		Dermal	136 mg/kg	Systemic long term
		Inhalation	268 mg/m3	Systemic long term
Inhalation	1723 mg/m3	Systemic short term		

### Predicted no effect concentrations (PNECs)

Components	Type	Route	Value	Form
Acetone (CAS 67-64-1)	Not applicable	Freshwater	10.6 mg/l	
		Intermittant	21 mg/l	Releases
		Marine water	1.06 mg/l	
		Sediment	30.4 mg/kg	Freshwater
		Sediment	3.04 mg/kg	Marine water
		Soil	29.5 mg/kg	
		STP	100 mg/l	Sewage Treatment Plant
ethanol (CAS 64-17-5)	Not applicable	Freshwater	0.96 mg/l	
		Intermittant	2.75 mg/l	Releases
		Marine water	0.79 mg/l	
		Sediment	3.6 mg/kg	Freshwater
		Soil	0.63 mg/kg	
		STP	580 mg/l	Sewage Treatment Plant
		n-Propyl Alcohol (CAS 71-23-8)	Not applicable	Freshwater
Intermittant	10 mg/l			Releases
Marine water	1 mg/l			
Sediment	22.8 mg/kg			Freshwater
Sediment	2.28 mg/kg			Marine water
Soil	2.2 mg/kg			
STP	96 mg/l			Sewage Treatment Plant

## 8.2. Exposure controls

**Appropriate engineering controls** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. Explosion proof exhaust ventilation should be used.

### Individual protection measures, such as personal protective equipment

**General information** Not available.

**Eye/face protection** Wear eye/face protection.

#### Skin protection

- **Hand protection** Wear appropriate chemical resistant gloves.

- **Other** The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

<b>Respiratory protection</b>	Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.
<b>Thermal hazards</b>	Not available.
<b>Hygiene measures</b>	Not available.

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## SECTION 9: Physical and chemical properties

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

#### Appearance

<b>Physical state</b>	Liquid.
<b>Color</b>	Black.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	173.3 °F (78.5 °C)
<b>Flash point</b>	< 41.0 °F (< 5.0 °C) Cleveland Closed Cup
<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>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>	No relevant additional information available.
<b>VOC (Weight %)</b>	< 743 g/L

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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>	Will not occur.
<b>10.4. Conditions to avoid</b>	No information available.
<b>10.5. Incompatible materials</b>	Not available.
<b>10.6. Hazardous decomposition products</b>	Decomposition of this product may yield metallic oxides. Carbon monoxide and carbon dioxide. Hydrogen fluoride.

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## SECTION 11: Toxicological information

<b>General information</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>	Based on available data, the classification criteria are not met.
<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>	Based on available data, the classification criteria are not met.
<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>Reproductive toxicity</b>	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.

**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.

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

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
Acetone (CAS 67-64-1)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	20000 mg/kg 20 ml/kg
<i>Inhalation</i>		
LC50	Rat	76 mg/l, 4 Hours 50.1 mg/l, 8 Hours
<i>Oral</i>		
LD50	Mouse Rabbit Rat	3000 mg/kg 5340 mg/kg 5800 mg/kg
<i>Other</i>		
LD50	Mouse Rat	1297 mg/kg 5500 mg/kg
ethanol (CAS 64-17-5)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Mouse Rat	39 mg/l, 4 Hours 20000 ppm, 10 Hours
<i>Oral</i>		
LD50	Dog Guinea pig Mouse Rat	5.5 g/kg 5.6 g/kg 3450 mg/kg 6.2 g/kg
<i>Other</i>		
LD50	Mouse Rat	933 mg/kg 1440 mg/kg
n-Propyl Alcohol (CAS 71-23-8)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Mouse Rabbit Rat	6800 mg/kg 2.8 g/kg 1.87 g/kg
<i>Other</i>		
LD50	Mouse Rat	3125 mg/kg 590 mg/kg
<b>Mixture versus substance information</b>	Not available.	
<b>Other information</b>	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.	

## SECTION 12: Ecological information

**Aquatic toxicity** This product has not been tested for ecological effects.

**12.1. Toxicity** No information available.

Components	Species	Test Results
Acetone (CAS 67-64-1)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) 21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss) 4740 - 6330 mg/l, 96 hours
ethanol (CAS 64-17-5)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) 7.7 - 11.2 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) > 100 mg/l, 96 hours
n-Propyl Alcohol (CAS 71-23-8)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) 3339 - 3977 mg/l, 48 hours
Fish	LC50	Bleak (Alburnus alburnus) 3000 - 4000 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 Kow)</b>		
Acetone		-0.24
ethanol		-0.31
n-Propyl Alcohol		0.25
<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.	

## 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.

## SECTION 14: Transport information

### DOT

<b>UN number</b>	UN1210
<b>UN proper shipping name</b>	Printing Ink (Ethanol, Acetone)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packaging group</b>	II
<b>Special precautions for user</b>	Not available.

### IATA

<b>UN number</b>	UN1210
<b>UN proper shipping name</b>	Printing Ink (Ethanol, Acetone)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packing group</b>	II
<b>Environmental hazards</b>	No.

**Special precautions for user** Not available.

**IMDG**

**UN number** UN1210  
**UN proper shipping name** Printing Ink (Ethanol, Acetone)  
**Transport hazard class(es)**  
**Class** 3  
**Subsidiary risk** -  
**Packing group** II  
**Environmental hazards**  
**Marine pollutant** No.  
**EmS** Not available.  
**Special precautions for user** Not available.

**ADR**

**Proper shipping name** Printing Ink (Ethanol, Acetone)  
**Hazard class** 3  
**UN number** UN1210  
**Packing group** II

**DOT**



**IATA; IMDG**



**ADR**

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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 (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended**

Not listed.

**Regulation (EC) No. 689/2008 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.

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding**

Not regulated.

#### Other EU regulations

**Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances**

Not regulated.

**Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**

Acetone (CAS 67-64-1)

ethanol (CAS 64-17-5)

n-Propyl Alcohol (CAS 71-23-8)

**Directive 94/33/EC on the protection of young people at work**

Not regulated.

#### Other regulations

The components of this product are reported in the following inventories: United States of America, European Union, Canada, Australia, Philippines, Ontario, New Zealand, Japan, Switzerland and Korea.

#### Other information

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

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.

#### Water hazard class

VwVwS

WGK1

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### SECTION 16: Other information

#### References

Not available.

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

Not available.

<b>Issue date</b>	15-Jul-2014
<b>Revision information</b>	GHS: Classification
<b>Training information</b>	Not available.
<b>Disclaimer</b>	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.
<b>Manufacturer information</b>	HP Inc. 1501 Page Mill Road Palo Alto, CA 94304-1112 US Direct 1-650-857-5020

**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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### Solvent based inks: SB01 \*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

**Maximum duration** Up to 8 hours per day

**Frequency of exposure** < 240 days per year

**Process conditions**

- Covers use at ambient temperatures.
- Use of an integrated local exhaust ventilation is required in drying zone.
- 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.
- Use explosion proof electrical equipment.
- 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 followed.

#### Risk management measures

**Conditions and measures related to Personal Protection Equipment, hygiene and health evaluation**

- 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.
- In case of inadequate ventilation wear respiratory protection.
- 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.



#### Good practice advice

- 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.
- Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
- Store in a well-ventilated place.
- Keep container tightly closed.
- Store at room temperature.



#### 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.