



SAFETY DATA SHEET

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

Important information *** This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. ***

1.1. Product identifier

Trade name or designation of the mixture CN982 Series
Registration number -
UFI NYFG-F6NA-P30T-0MSC
Synonyms HP Scitex TJ100 Supreme Yellow Ink
Issue date 13-Nov-2013
Version number 15
Revision date 06-Apr-2021
Supersedes date 25-Mar-2021

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 Austria GmbH
Technologiestraße 5, Wien
Austria 1120

Telephone +43 1 3400 210 100

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 +43 (1) 406 43 43

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Health hazards

| | | |
|-----------------------------------|------------|--------------------------------------|
| Acute toxicity, dermal | Category 4 | H312 - Harmful in contact with skin. |
| Acute toxicity, inhalation | Category 4 | H332 - Harmful if inhaled. |
| 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: 2-butoxyethyl acetate, Cyclohexanone

Hazard pictograms



Signal word Danger

Hazard statements

H312 Harmful in contact with skin.

H332
H318

Harmful if inhaled.
Causes serious eye damage.

Precautionary statements

Prevention

P280
P261
P271

Wear protective gloves/protective clothing/eye protection/face protection.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.

Response

P302 + P352
P305 + P351 + P338

P310
P304 + P340
P312
P362 + P364

IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a poison center/doctor if you feel unwell.
Take off contaminated clothing and wash it before reuse.

Storage

Not available.

Disposal

P501

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

Supplemental label information None.

2.3. Other hazards 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 |
|---------------------------------|---|------------------------|------------------------|--------------|-------|
| 2-butoxyethyl acetate | <70 | 112-07-2 203-933-3 | 01-2119475112-47-XXXX | 607-038-00-2 | # |
| Classification: | Acute Tox. 4;H302, Acute Tox. 4;H312, Acute Tox. 4;H332 | | | | |
| 2-methoxy-1-methylethyl acetate | <20 | 108-65-6 203-603-9 | 01-2119475791-29-XXXX | 607-195-00-7 | # |
| Classification: | Flam. Liq. 3;H226, STOT SE 3;H336 | | | | |
| Cyclohexanone | <5 | 108-94-1 203-631-1 | 01-2119453616-35-XXXX | 606-010-00-7 | # |
| Classification: | Flam. Liq. 3;H226, Acute Tox. 4;H302, Acute Tox. 4;H312, Skin Irrit. 2;H315, Eye Dam. 1;H318, Acute Tox. 4;H332 | | | | |
| Water | <0.1 | 7732-18-5 231-791-2 | - | - | |
| Classification: | - | | | | |

SECTION 4: First aid measures

General information Not available.

4.1. Description of first aid measures

Inhalation

Move person to fresh air immediately.
If symptoms persist, get immediate medical attention.

Skin contact

In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse.
Get medical attention, if needed.

Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get medical attention immediately.

Ingestion

Rinse mouth out with water. If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.
Get medical attention immediately.

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 (CO ₂), and dry chemical. |
| Unsuitable extinguishing media | Not available. |
| 5.2. Special hazards arising from the substance or mixture | Not available. |
| 5.3. Advice for firefighters | |
| Special protective equipment for firefighters | Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways. |
| Special fire fighting procedures | Move containers from fire area if you can do it without risk. |

SECTION 6: Accidental release measures

| | |
|---|--|
| 6.1. Personal precautions, protective equipment and emergency procedures | |
| For non-emergency personnel | Avoid contact with skin. Avoid inhalation of vapors or mists. Do not touch or walk through spilled material. Ensure adequate ventilation. Remove all sources of ignition. Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor formation use a respirator with an approved filter. |
| For emergency responders | Not available. |
| 6.2. Environmental precautions | 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. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment. |
| 7.2. Conditions for safe storage, including any incompatibilities | Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame. |
| 7.3. Specific end use(s) | Not available. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001

| Components | Type | Value |
|--|---------|-----------------------|
| 2-butoxyethyl acetate (CAS 112-07-2) | MAK | 133 mg/m ³ |
| | | 20 ppm |
| | STEL | 270 mg/m ³ |
| | | 40 ppm |
| Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6) | Ceiling | 550 mg/m ³ |
| | | 100 ppm |
| | MAK | 275 mg/m ³ |
| Cyclohexanone (CAS 108-94-1) | | 50 ppm |
| | MAK | 20 mg/m ³ |
| | | 5 ppm |
| | STEL | 80 mg/m ³ |
| | | 20 ppm |

EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU

| Components | Type | Value |
|--|------|--------------------------------|
| 2-butoxyethyl acetate (CAS 112-07-2) | STEL | 333 mg/m3 50 ppm |
| | TWA | 133 mg/m3 20 ppm |
| | STEL | 550 mg/m3 |
| Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6) | TWA | 100 ppm 275 mg/m3 |
| | STEL | 50 ppm 81.6 mg/m3 |
| Cyclohexanone (CAS 108-94-1) | TWA | 20 ppm 40.8 mg/m3 10 ppm |

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 |
|--|---------|------------|--------------|---------------------------|
| 2-butoxyethyl acetate (CAS 112-07-2) | Workers | Dermal | 169 mg/kg | Systemic long term |
| | | Dermal | 120 mg/kg | Systemic acute short term |
| | | Inhalation | 333 mg/m3 | Local acute short term |
| | | Inhalation | 133 mg/m3 | Systemic long term |
| 2-methoxy-1-methylethyl acetate (CAS 108-65-6) | Workers | Dermal | 796 mg/kg | Systemic long term |
| | | Inhalation | 275 mg/m3 | Systemic long term |
| Cyclohexanone (CAS 108-94-1) | Workers | Dermal | 4 mg/kg bw/d | Systemic Long Term |
| | | Dermal | 4 mg/kg bw/d | Systemic Short Term |
| | | Inhalation | 80 mg/m3 | Local short term |
| | | Inhalation | 80 mg/m3 | Systemic short term |
| | | Inhalation | 40 mg/m3 | Local long term |
| | | Inhalation | 40 mg/m3 | Systemic long term |

Predicted no effect concentrations (PNECs)

| Components | Type | Route | Value | Form | | |
|--------------------------------------|----------------|--|----------------|--|------------|------------------------|
| 2-butoxyethyl acetate (CAS 112-07-2) | Not applicable | Freshwater | 0.304 mg/l | Releases | | |
| | | Intermittent | 0.56 mg/l | | | |
| | | Marine water | 0.0304 mg/l | Food poisoning Freshwater Marine water | | |
| | | Secondary | 0.06 g/kg | | | |
| | | Sediment | 2.03 mg/kg | | | |
| | | Sediment | 0.203 mg/kg | | | |
| | | 2-methoxy-1-methylethyl acetate (CAS 108-65-6) | Not applicable | Soil | 0.42 mg/kg | Sewage Treatment Plant |
| | | | | STP | 90 mg/l | |
| Freshwater | 0.635 mg/l | | | Releases | | |
| Intermittent | 6.35 mg/l | | | | | |
| Marine water | 0.0635 mg/l | | | | | |
| Sediment | 3.29 mg/kg | | | | | |
| Sediment | 0.329 mg/kg | | | | | |
| Soil | 0.29 mg/kg | | | | | |
| Cyclohexanone (CAS 108-94-1) | Not applicable | STP | 100 mg/l | Sewage Treatment Plant | | |
| | | Intermittent | 0.329 mg/l | Releases | | |
| | | Marine water | 0.00329 mg/l | Freshwater Marine water | | |
| | | Sediment | 0.168 mg/kg | | | |
| | | Sediment | 0.0168 mg/kg | | | |
| | | Soil | 0.0143 mg/kg | | | |

| Components | Type | Route | Value | Form |
|------------|------|-------|---------|------------------------|
| | | STP | 10 mg/l | Sewage Treatment Plant |

Exposure guidelines

Austria MAK: Skin designation

| | |
|---|-----------------------------------|
| 2-butoxyethyl acetate (CAS 112-07-2) | Can be absorbed through the skin. |
| Cyclohexanone (CAS 108-94-1) | Can be absorbed through the skin. |
| Propylene glycol monomethyl ether acetate (CAS Proprietary) | Can be absorbed through the skin. |

8.2. Exposure controls

Appropriate engineering controls Not available.

Individual protection measures, such as personal protective equipment

General information Not available.

Eye/face protection Wear safety glasses; chemical goggles (if splashing is possible).
Eye wash fountain and emergency showers are recommended.

Skin protection

- Hand protection Recommended gloves: Nitrile 6 mil minimum thickness.

- Other Wear appropriate chemical resistant clothing.

Respiratory protection Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

Thermal hazards Not available.

Hygiene measures Do not get this material in contact with skin. Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.
Launder contaminated clothing before reuse.

Environmental exposure controls Not available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Not available.

Form Liquid.

Color Yellow

Odor Solvent.

Odor threshold Not available.

pH 5.8 - 6.2 Metler Toledo pH Meter

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point ≥ 170.6 °F (≥ 77.0 °C) Closed Cup EPA Method 1020

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Solubility(ies)

Solubility (water) Not available.

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

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity 13 - 14 cP Brookfield Viscometer T 22C Spindle #18 (S18) RPM 100

Explosive properties Not available.

Oxidizing properties Not available.

9.2. Other information

VOC < 878 g/L Calculated

SECTION 10: Stability and reactivity

| | |
|--|------------------------------|
| 10.1. Reactivity | Not available. |
| 10.2. Chemical stability | Stable at normal conditions. |
| 10.3. Possibility of hazardous reactions | None known. |
| 10.4. Conditions to avoid | Heat, flames and sparks. |
| 10.5. Incompatible materials | Not available. |
| 10.6. Hazardous decomposition products | Not available. |

SECTION 11: Toxicological information

General information Not available.

Information on likely routes of exposure

| | |
|--------------|--|
| Inhalation | Harmful if inhaled. |
| Skin contact | Harmful in contact with skin. |
| Eye contact | Causes serious eye damage. |
| Ingestion | Ingestion is not a likely route of exposure. |

Symptoms Not available.

11.1. Information on toxicological effects

Acute toxicity Harmful if inhaled. Harmful in contact with skin.

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

Cyclohexanone (CAS 108-94-1)

Acute

Inhalation

Vapor

LC50

Rat

> 6.2 mg/l, 4 Hours

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Causes serious eye damage.

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

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

IARC Monographs. Overall Evaluation of Carcinogenicity

Cyclohexanone (CAS 108-94-1)

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.

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.

Mixture versus substance information Not available.

Other information Complete toxicity data are not available for this specific formulation.

SECTION 12: Ecological information

12.1. Toxicity No toxicity data noted for the ingredient(s).

12.2. Persistence and degradability Not available.

12.3. Bioaccumulative potential Not available.

Partition coefficient

n-octanol/water (log Kow)

Cyclohexanone

0.81

Bioconcentration factor (BCF) Not available.

| | |
|---|---|
| 12.4. Mobility in soil | Not available. |
| 12.5. Results of PBT and vPvB assessment | Not a PBT or vPvB substance or mixture. |
| 12.6. Other adverse effects | Not available. |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|-------------------------------------|--|
| Residual waste | Not available. |
| Contaminated packaging | Not available. |
| EU waste code | Not available. |
| Disposal methods/information | 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 | |
| UN number | NA1993 |
| UN proper shipping name | Combustible liquid n.o.s. (2-methoxy-1-methylethyl acetate, cyclohexanone) - Not regulated in quantities less than 119 gallons |
| Transport hazard class(es) | |
| Class | Combustible |
| Subsidiary risk | - |
| Packing group | III |
| Special precautions for user | Not available. |
| DOT Supplemental Information | DOT Classification only applies to shipments within the US and Puerto Rico. |
| IATA | |
| UN number | Not available. |
| UN proper shipping name | Not Regulated |
| Transport hazard class(es) | |
| Class | Not available. |
| Subsidiary risk | - |
| Packing group | Not available. |
| Environmental hazards | No |
| Special precautions for user | Not available. |
| IMDG | |
| UN number | Not available. |
| UN proper shipping name | Not Regulated |
| Transport hazard class(es) | |
| Class | Not available. |
| Subsidiary risk | - |
| Packing group | Not available. |
| Transport hazard class(es) | |
| Marine pollutant | No |
| EmS | Not available. |
| Special precautions for user | Not available. |
| ADR | |
| UN number | Not available. |
| UN proper shipping name | Not Regulated |
| Transport hazard class(es) | |
| Class | Not available. |
| Subsidiary risk | - |
| Hazard No. (ADR) | Not available. |
| Tunnel restriction code | Not available. |
| Packing group | Not available. |
| Environmental hazards | No |
| Special precautions for user | Not available. |
| Further information | Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable. |

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 and II, as amended

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, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

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, as amended

Not listed.

Other EU regulations

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

Cyclohexanone (CAS 108-94-1)

Propylene glycol monomethyl ether acetate (CAS Proprietary)

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).

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, Japan, Philippines, South Korea, New Zealand, and China.

National regulations

Not available.

15.2. Chemical safety assessment

See attached SUMI or GEIS document, if applicable.

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

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.

Revision information

None.

Training information

Follow training instructions when handling this material.

Disclaimer

This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs. 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

| | |
|---------------|---|
| 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 |

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

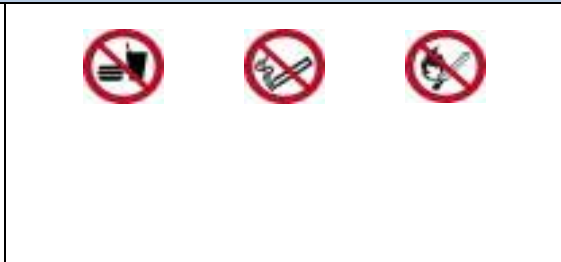
| | |
|------------------------------|--|
| Maximum duration | Up to 8 hours per day |
| Frequency of exposure | < 240 days per year |
| Process conditions | <p>Covers use at ambient temperatures.</p> <p>Use of an integrated local exhaust ventilation is required in drying zone.</p> <p>Adequate ventilation 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.</p> <p>Use explosion proof electrical equipment.</p> <p>Keep emissions below the occupational exposure limits of the ingredients specified in section 8 of the SDS.</p> <p>Avoid direct contact.</p> <p>Regular cleaning of equipment and work area.</p> <p>Supervision in place to check that Risk Management Measures are in place are being correctly used and Operational Conditions followed.</p> |

Risk management measures

| | |
|---|---|
| <p>Conditions and measures related to Personal Protection Equipment, hygiene and health evaluation</p> | <p>Wear safety glasses with side shields (or goggles), if splashing is possible.</p> <p>Wear appropriate chemical resistant gloves: see section 8 of the SDS.</p> <p>Wear appropriate chemical resistant clothing.</p> <p>In case of inadequate ventilation wear respiratory protection.</p> <p>Eye wash fountain and emergency showers are recommended.</p> <p>Avoid breathing mist/vapours.</p> <p>Avoid contact with skin, eyes and clothing.</p> <p>Training of workers in relation to proper use and maintenance of all Personal protection equipment (PPE) must be ensured.</p> |
| |  |

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 |
| <p>PROC1-Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.</p> <p>PROC2-Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</p> <p>PROC3- Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition</p> <p>PROC8a-Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</p> <p>PROC8b-Transfer of substance or mixture (charging and discharging) at dedicated facilities</p> <p>ERC5-Use at industrial site leading to inclusion into/onto article</p> <p>ERC8c-Widespread use leading to inclusion into/onto article (indoor)</p> |

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.