

# SAFETY DATA SHEET (SDS)

acc. to Regulation (EC) No. 1907/2006 (REACH)



Date of issue: 06.06.2022

SDS No: 60-SDSE-0049

Revision: 4.1

## Kornit NeoPigment™ Water-based Color Ink V323

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

#### 1.1 Product identifier

Product number

Series V323:  
50-WBIC-0323  
50-WBIM-0323  
50-WBIY-0323  
50-WBIK-0323  
50-WBIR-0323  
50-WBIG-0323

Trade name

**Kornit NeoPigment™ Water-based Color Ink V323**

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

Relevant identified uses

Water-based ink for digital textile printing

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

Kornit Digital Ltd.  
12 Ha` Amal St., Afek Park  
IL-4809246 Rosh-Ha` Ayin  
Israel

Telephone: +972-3-9085800  
Telefax: +972-3-9080280

Importer				
Country	Name	Street	Postal code/city	Telephone
Germany	Kornit Digital Europe GmbH	Wahlerstr. 6	D-40472 Duesseldorf	+49 211 20055-0

e-mail (competent person)

chemistry@kornit.com

#### 1.4 Emergency telephone number

Emergency information service

For Hazardous Materials [or Dangerous Goods] Incident ONLY (Spill, Leak, Fire, Exposure, or Accident) call CHEMTREC at:

- USA and Canada: CHEMTREC: 1-800-424-9300 or +1 703-741-5970
- Germany: CHEMTREC: 0800-181-7059
- UK: CHEMTREC: 870-8200418
- Australia: CHEMTREC: +(61)- 290 372 994
- China: CHEMTREC: 4001-204937
- International CHEMTREC: +1 703-741-5970 or find your local number at:  
<https://www.kornit.com/chemtrec-in-country-dial-numbers>.

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

- Signal word not required

- Pictograms not required

- Supplemental hazard information

EUH208 Contains 2-methylisothiazol-3(2H) one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

#### 2.3 Other hazards

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not relevant (mixture)

#### 3.2 Mixtures

##### Description of the mixture

Description of the mixture.

Hazardous ingredients acc. to GHS			
Name of substance	Identifier	Wt%	Classification acc. to GHS
Ethylene glycol	CAS No 107-21-1  EC No 203-473-3	10 – < 15	Acute Tox. 4 / H302
2-butoxyethanol	CAS No 111-76-2  EC No 203-905-0	1 – < 5	Acute Tox. 4 / H302 Acute Tox. 4 / H312 Acute Tox. 4 / H332 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Aquatic Chronic 2 / H411



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Hazardous ingredients acc. to GHS

Name of substance	Identifier	Wt%	Classification acc. to GHS
2-methylisothiazol-3(2H) one	CAS No 2682-20-4  EC No 220-239-6	< 0.0015	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 2 / H330 Skin Corr. 1B / H314 Eye Dam. 1 / H318 Skin Sens. 1A / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410

Name of substance	Specific Conc. Limits	M-Factors	ATE	Exposure route
Ethylene glycol	-	-	500 mg/kg	oral
2-butoxyethanol	-	-	880 mg/kg 1,100 mg/kg 11 mg/4h	oral dermal inhalation: vapour
2-methylisothiazol-3(2H) one	Skin Sens. 1A; H317: C ≥ 0.0015 %	M-factor (acute) = 10	100 mg/kg 300 mg/kg 0.5 mg/4h	oral dermal inhalation: vapour

Name of substance	Endpoint	Value	Exposure route
Ethylene glycol	LD50	7,712 mg/kg	oral
Ethylene glycol	LD50	>3,500 mg/kg	dermal
2-butoxyethanol	LD50	880 mg/kg	oral

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

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Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

### 4.3 Indication of any immediate medical attention and special treatment needed

none

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Water jet

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## SECTION 6: Accidental release measures

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

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

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Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### 7.2 Conditions for safe storage, including any incompatibilities

Control of effects

Store in closed original container at temperatures between 5°C and 35°C.

Protect against external exposure, such as

High temperatures, Frost

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Notation	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Source
DE	ethanediol	107-21-1	va, H, Y	AGW	10	26	20	52			TRGS 900
DE	ethylene glycol	107-21-1	va	MAK	10	26	20	52			DFG
DE	2-butoxyethanol	111-76-2		MAK	10	49	20	98			DFG



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### Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Notation	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Source
DE	2-butoxyethanol	111-76-2	H, Y	AGW	10	49	20	98			TRGS 900
DE	glycerine	56-81-5	i	MAK		200		400			DFG
DE	glycerine	56-81-5	i, Y	AGW		200		400			TRGS 900
ES	ethylene glycol	107-21-1		VLA	20	52	40	104			INSHT
ES	2-butoxyethanol	111-76-2		VLA	20	98	50	245			INSHT
ES	glycerine	56-81-5	mist	VLA		10					INSHT
EU	ethylene glycol	107-21-1	H	IOELV	20	52	40	104			2000/39/EC
EU	2-butoxyethanol	111-76-2	H	IOELV	20	98	50	246			2000/39/EC
FR	ethylene glycol	107-21-1	vap, H	VME	20	52	40	104			INRS
FR	2-butoxyethanol	111-76-2	H	VME	10	49	50	246			INRS
FR	glycerol	56-81-5	aerosol	VME		10					INRS
IT	ethylene glycol	107-21-1		VLEP	20	52	40	104			G.U. n. 218 - Allegato XXXVIII
IT	2-butoxyethanol	111-76-2		VLEP	20	98	50	246			G.U. n. 218 - Allegato XXXVIII

#### Notation

aerosol	as aerosols
Ceiling-C	ceiling value is a limit value above which exposure should not occur
H	absorbed through the skin
i	inhalable fraction
mist	as mists
STEL	short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
TWA	time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)
va	as vapours and aerosols
vap	as vapours
Y	a risk of developmental toxicity does not need to be expected if the occupational exposure limit value and the biological limit value (BGW) are adhered to

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Biological limit values						
Country	Name of agent	Parameter	Notation	Identifier	Value	Source
DE	2-butoxyethanol	2-butoxyacetic acid	hydr, crea	BAT	150 mg/l	DFG
DE	2-butoxyethanol	2-butoxyacetic acid	hydr, crea	BLV	150 mg/l	TRGS 903
ES	2-butoxyethanol	2-butoxyacetic acid	hydr, crea	VLB	200 mg/g	INSHT

Notation

crea      creatinine  
hydr      hydrolysis

Relevant DNELs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Ethylene glycol	107-21-1	DNEL	35 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
Ethylene glycol	107-21-1	DNEL	106 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Ethylene glycol	107-21-1	PNEC	10 mg/l	aquatic organisms	freshwater	short-term (single instance)
Ethylene glycol	107-21-1	PNEC	1 mg/l	aquatic organisms	marine water	short-term (single instance)
Ethylene glycol	107-21-1	PNEC	199.5 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Ethylene glycol	107-21-1	PNEC	37 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Ethylene glycol	107-21-1	PNEC	3.7 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Ethylene glycol	107-21-1	PNEC	1.53 mg/kg	terrestrial organisms	soil	short-term (single instance)

### 8.2 Exposure controls

Appropriate engineering controls  
General ventilation.

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Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

### SECTION 9: Physical and chemical properties

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

Physical state	liquid
Colour	various
Odour	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	>100 °C
Flammability	non-combustible
Lower and upper explosion limit	not determined
Flash point	>100 °C
pH (value)	7 – 8.5 (25 °C)
Dynamic viscosity	10 – 14 cP at 25 °C



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### Solubility(ies)

Water solubility	miscible in any proportion
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### Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
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Vapour pressure	not determined
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### Density and/or relative density

Density	1.06 – 1.08 g/cm <sup>3</sup> at 25 °C
Relative vapour density	information on this property is not available

Particle characteristics	not relevant (liquid)
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### 9.2 Other information

Information with regard to physical hazard classes	hazard classes acc. to GHS (physical hazards): not relevant
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### Other safety characteristics

Miscibility	Completely miscible with water.
Surface tension	25 – 35 mN/m
VOC content	35 – 42 %

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

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### 10.5 Incompatible materials

There is no additional information.

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification according to GHS (1272/2008/EC, CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if swallowed.

Acute toxicity estimate (ATE) of components of the mixture			
Name of substance	CAS No	Exposure route	ATE
Ethylene glycol	107-21-1	oral	500 mg/kg
2-butoxyethanol	111-76-2	oral	880 mg/kg
2-butoxyethanol	111-76-2	dermal	1,100 mg/kg
2-butoxyethanol	111-76-2	inhalation: vapour	11 mg/l/4h
2-methylisothiazol-3(2H) one	2682-20-4	oral	100 mg/kg
2-methylisothiazol-3(2H) one	2682-20-4	dermal	300 mg/kg
2-methylisothiazol-3(2H) one	2682-20-4	inhalation: vapour	0.5 mg/l/4h

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Contains 2-methylisothiazol-3(2H) one. May produce an allergic reaction.

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Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic

For Neopigment Black:

This product may contain Carbon Black (Black Pigment 7 - CAS# 1333-86-4) in a liquid dispersion (bound Form). The material is immobilized in a binder matrix upon drying.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

### 11.2 Information on other hazards

There is no additional information.

## SECTION 12: Ecological information

### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Ethylene glycol	107-21-1	LC50	72,860 mg/l	fish	96 h
Ethylene glycol	107-21-1	EC50	>100 mg/l	aquatic invertebrates	48 h
2-butoxyethanol	111-76-2	LC50	1.474 mg/l	rainbow trout	96 h

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Data are not available.

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**12.6 Endocrine disruptor**  
None of the ingredients are listed.

**12.7 Other adverse effects**  
Data are not available.

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods**  
Sewage disposal-relevant information  
Do not empty into drains. Avoid release to the environment.  
Waste treatment of containers/packagings  
Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

### SECTION 14: Transport information

<b>14.1 UN number or ID number</b>	not subject to transport regulations
<b>14.2 UN proper shipping name</b>	not relevant
<b>14.3 Transport hazard class(es)</b>	none
<b>14.4 Packing group</b>	not assigned
<b>14.5 Environmental hazards</b>	non-environmentally hazardous acc. to the dangerous goods regulations
<b>14.6 Special precautions for user</b>	There is no additional information.
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	The cargo is not intended to be carried in bulk.

#### Information for each of the UN Model Regulations

##### **International Maritime Dangerous Goods Code (IMDG) - Additional information**

Not subject to IMDG.

##### **International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

Not subject to ICAO-IATA.



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### SECTION 15: Regulatory information

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

##### Relevant provisions of the European Union (EU)

##### Restrictions according to REACH, Annex XVII

none of the ingredients are listed

##### List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

none of the ingredients are listed

##### Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

##### National regulations (Germany)

##### Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (Ordinance on facilities for handling substances hazardous to water) (AwSV)

Wassergefährdungsklasse, WGK 1 slightly hazardous to water  
(water hazard class)

##### Technical instructions on air quality control (Germany)

Number	Group of substances	Class	Conc.	Mass flow	Mass concentration	Notation
5.2.5	organic substances		≥ 25 wt%	0.5 kg/h	50 mg/m <sup>3</sup>	3)

##### Notation

3) a total mass flow of 0.50 kg/h or a total mass concentration of 50 mg/m<sup>3</sup>, each of which to be indicated as total carbon, shall not be exceeded (except organic particulate matter)

##### Storage of hazardous substances in non-stationary containers (TRGS 510) (Germany)

Storage class (LGK) 12 (non-combustible liquids)

#### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Indication of changes (revised safety data sheet)

Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
2.1	Classification of the substance or mixture: For full text of abbreviations: see SECTION 16.	Classification of the substance or mixture	yes
2.1		Classification according to Regulation (EC) No 1272/2008 (CLP): This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.	yes

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Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
2.2		- Supplemental hazard information: change in the listing (table)	yes
3.2		Hazardous ingredients acc. to GHS: change in the listing (table)	yes
3.2		Hazardous ingredients acc. to GHS: change in the listing (table)	yes
3.2		Hazardous ingredients acc. to GHS: change in the listing (table)	yes
8.1		Occupational exposure limit values (Workplace Exposure Limits): change in the listing (table)	yes
8.1		Biological limit values: change in the listing (table)	yes
14.3	Transport hazard class(es)	Transport hazard class(es): none	yes
14.3	Class: -		yes
14.4	Packing group: not relevant	Packing group: not assigned	yes
14.7	Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN): Not subject to ADR, RID and ADN.		yes
15.1	Deco-Paint Directive (2004/42/EC)		yes
15.1	VOC content: 35 - 40 %		yes
15.1		Regulation on persistent organic pollutants (POP): None of the ingredients are listed.	yes
15.1	Water hazard class - WHC (Wassergefährdungsklasse): 1 slightly hazardous to water - classification acc. to annex 3/annex 4 (VwVwS)	Wassergefährdungsklasse, WGK (water hazard class): 1 slightly hazardous to water	yes

### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
2000/39/EC	Commission Directive establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC
Acute Tox.	Acute toxicity
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
AGW	Workplace exposure limit



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Abbr.	Descriptions of used abbreviations
Aquatic Acute	Hazardous to the aquatic environment - acute hazard
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DFG	Deutsche Forschungsgemeinschaft MAK-und BAT-Werte-Liste, Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Wiley-VCH, Weinheim
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
G.U. n. 218 - Allegato XXXVIII	Gazzetta Ufficiale n.218: Modificato l'allegato XXXVIII come previsto dal decreto interministeriale
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
INRS	Aide mémoire technique INRS sur les valeurs limites d'exposition (ED 984) ( <a href="http://www.inrs.fr/accueil/produits/mediatheque/doc/publications.html?refINRS=ED%20984">http://www.inrs.fr/accueil/produits/mediatheque/doc/publications.html?refINRS=ED%20984</a> )
INSHT	Límites de Exposición Profesional para Agentes Químicos, INSHT
IOELV	Indicative occupational exposure limit value
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
LGK	Lagerklasse (storage class according to TRGS 510, Germany)

# SAFETY DATA SHEET (SDS)

acc. to Regulation (EC) No. 1907/2006 (REACH)



**Kornit  
Digital**  
bonding  
matters

Date of issue: 06.06.2022

SDS No: 60-SDSE-0049

Revision: 4.1

## Kornit NeoPigment™ Water-based Color Ink V323

Abbr.	Descriptions of used abbreviations
M-factor	Means a multiplying factor. It is applied to the concentration of a substance classified as hazardous to the aquatic environment acute category 1 or chronic category 1, and is used to derive by the summation method the classification of a mixture in which the substance is present
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
STEL	Short-term exposure limit
SVHC	Substance of Very High Concern
TRGS	Technische Regeln für Gefahrstoffe (technical rules for hazardous substances, Germany)
TRGS 900	Arbeitsplatzgrenzwerte (TRGS 900)
TRGS 903	Biologische Grenzwerte (TRGS 903)
TWA	Time-weighted average
VLA	Workplace exposure limit
VLEP	Workplace exposure limit
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative

### Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.  
Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU.

Israeli Standard SI 2302 Part 1: Dangerous substances and mixtures: Classification, labelling, marking and packaging

Work Safety Regulations: Safety Data Sheet, Classification, Packing, Labeling and Marking of Package, 5758-1998

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).





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### List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
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.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.