

Safety data sheet in accordance with regulation (EC) No 1907/2006

Version: 5 / GB Date revised: 26.01.2015

Trade name: Ink-UPP Pad Printing Ink

Replaces Version: 4 / GB Print date: 01.02.15

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

### **1.1. Product identifier**

Ink-UPP

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

#### **Use of the substance/preparation**

Screen and pad printing ink

#### **Identified Uses**

SU3	Industrial uses: Uses of substances as such or in preparations at industrial sites
SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
PROC1	Use in closed process, no likelihood of exposure
PROC2	Use in closed, continuous process with occasional controlled exposure
PROC3	Use in closed batch process (synthesis or formulation)
PROC4	Use in batch and other process (synthesis) where opportunity for exposure arises
PROC5	Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)
PROC8a	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non dedicated facilities
PROC8b	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities
PROC10	Roller application or brushing
PROC11	Non industrial spraying
PROC13	Treatment of articles by dipping and pouring
PROC19	Hand-mixing with intimate contact and only PPE available
ERC4	Industrial use of processing aids in processes and products, not becoming part of articles
ERC8a	Wide dispersive indoor use of processing aids in open systems
ERC8d	Wide dispersive outdoor use of processing aids in open systems

#### **Uses advised against**

SU21	Consumer uses: Private households (= general public = consumers)
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### **1.3. Details of the supplier of the safety data sheet**

#### **Address**

ITW Trans Tech  
475 N. Gary Avenue  
Carol Stream, IL 60188

Ph 630-752-4000  
[www.itwtranstech.com](http://www.itwtranstech.com)

### **1.4. Emergency telephone number**

352-323-3500 InfoTrac

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## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 3	H226
STOT SE 3	H335
STOT SE 3	H336
Aquatic chronic 2	H411
Skin Irrit. 2	H315
Eye Irrit. 2	H319
STOT RE 2	H373

#### **Classification in accordance with EC directives 1999/45/EC and 67/548/EEC**

Classification	R10
	N, R51/53
	R66
	R67
	Xi, R37

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

##### **Hazard pictograms**



##### **Signal word**

Warning

##### **Hazard statements**

H226	Flammable liquid and vapour.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure:

##### **Precautionary statements**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

##### **Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains	Solvent naphtha (petroleum), light arom.Xylene;Hydrocarbons, C10, aromatics, <1% naphthalene
EUH208 Contains	Isobutyl methacrylate, May produce an allergic reaction.

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### Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

No special hazards have to be mentioned.

## SECTION 3: Composition/information on ingredients \*\*\*

### 3.2. Mixtures

#### Chemical characterization

Screen and pad printing ink based on acrylic resins and on solvents

#### Hazardous ingredients \*\*\*

##### Hydrocarbons, C10, aromatics, <1% naphthalene

CAS No.	64742-94-5
EINECS no.	265-198-5
Registration no.	01-2119463583-34 (LIST NUMBER 918-811-1)
Concentration	>= 10 < 20 %
Classification	Xn, R65 N, R51/53 R66 R67

Classification (Regulation (EC) No. 1272/2008)

Asp. Tox. 1	H304
Aquatic chronic 2	H411
STOT SE 3	H336

##### Solvent naphtha (petroleum), light arom.

CAS No.	64742-95-6
EINECS no.	265-199-0
Registration no.	01-2119455851-35 (LIST NUMBER 918-668-5)
Concentration	>= 10 < 20 %
Classification	Xn, R65 Xi, R37 N, R51/53 R10 R66 R67

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 3	H226
STOT SE 3	H336
STOT SE 3	H335
Asp. Tox. 1	H304
Aquatic chronic 2	H411

##### Xylene

CAS No.	1330-20-7
EINECS no.	215-535-7
Registration no.	01-2119488216-32/01-2119486136-34
Concentration	>= 10 < 20 %
Classification	Xn, R20/21-R65 Xi, R36/37/38 R10

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### Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2	H315
Flam. Liq. 3	H226
Acute Tox. 4	H332
Acute Tox. 4	H312
Eye Irrit. 2	H319
STOT SE 3	H335
STOT RE 2	H373
Asp. Tox. 1	H304

### Isobutyl methacrylate

CAS No.	97-86-9
EINECS no.	202-613-0
Concentration	>= 0,1 < 1 %
Classification	Xi, R36/37/38 N, R50 R10 R43

### Classification (Regulation (EC) No. 1272/2008)

Aquatic Acute 1	H400
Flam. Liq. 3	H226
Eye Irrit. 2	H319
STOT SE 3	H335
Skin Irrit. 2	H315
Skin Sens. 1	H317

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

#### **After inhalation**

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

#### **After skin contact**

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

#### **After eye contact**

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

#### **After ingestion**

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

Until now no symptoms known so far.

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

#### **Hints for the physician / treatment**

Treat symptomatically

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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Recommended: alcohol resistant foam, CO<sub>2</sub>, powders, water spray/mist, Not be used for safety reasons: water jet

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

In the event of fire the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO); dense black smoke; Hydrogen chloride (HCl); Hydrogen fluoride (HF)

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

## **SECTION 6: Accidental release measures**

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

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.

### **6.2. Environmental precautions**

Do not allow to enter drains or waterways. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

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

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

### **6.4. Reference to other sections**

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Avoid skin and eye contact. Avoid the inhalation of particulates and spray mist arising from the application of this mixture. Smoking, eating and drinking shall be prohibited in application area. For personal protection see Section 8. Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws. Do not allow to enter drains or water courses.

#### **Advice on protection against fire and explosion**

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

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### Classification of fires / temperature class / Ignition group / Dust explosion class

Classification of fires B (Combustible liquid substances)  
Temperature class T2

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

### Requirements for storage rooms and vessels

Electrical installations/working materials must comply with the local applied technological safety standards. Storage rooms in which filling operations take place must have a conducting floor. Store in accordance with national regulation

### Hints on storage assembly

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

### Further information on storage conditions

Observe label precautions. Store between 15 and 30 °C in a dry, well ventilated place away from sources of heat and direct sunlight. Keep container tightly closed. Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## 7.3. Specific end use(s)

Screen and pad printing ink

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

##### 2-Methoxy-1-methylethyl acetate

List	EH40			
Type	WEL			
Value	274	mg/m <sup>3</sup>	50	ppm(V)
Short term exposure limit	548	mg/m <sup>3</sup>	100	ppm(V)
Skin resorption / sensibilisation: Sk; Status: 2011				

##### Xylene

List	EH40			
Type	WEL			
Value	220	mg/m <sup>3</sup>	50	ppm(V)
Short term exposure limit	441	mg/m <sup>3</sup>	100	ppm(V)
Skin resorption / sensibilisation: Sk; Status: 2005				

##### Aromatics

List	EH40			
Value	500	mg/m <sup>3</sup>		

##### Mesitylene

List	EH40			
Type	WEL			
Value	125	mg/m <sup>3</sup>	25	ppm(V)
Status: 2011				

##### 1,2,4-Trimethylbenzene

List	EH40			
Type	WEL			
Value	125	mg/m <sup>3</sup>	25	ppm(V)
Status: 2011				

##### Ethyl benzene

List	EH40			
Type	WEL			
Value	441	mg/m <sup>3</sup>	100	ppm(V)

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Short term exposure limit 552 mg/m<sup>3</sup> 125 ppm(V)  
Skin resorption / sensibilisation: Sk; Status: 2011

**Derived No/Minimal Effect Levels (DNEL/DMEL)****2-Methoxy-1-methylethyl acetate**

Reference substance 2-Methoxy-1-methylethyl acetate  
Type of value Derived No Effect Level (DNEL)  
Reference group Worker  
Duration of exposure Long term  
Route of exposure dermal  
Mode of action Systemic effects  
Concentration 153,5 mg/kg  
Source Literature value

Type of value Derived No Effect Level (DNEL)  
Reference group Worker  
Duration of exposure Long term  
Route of exposure inhalative  
Mode of action Systemic effects  
Concentration 275 mg/m<sup>3</sup>  
Source Literature value

Type of value Derived No Effect Level (DNEL)  
Reference group Consumer  
Duration of exposure Long term  
Route of exposure dermal  
Mode of action Systemic effects  
Concentration 54,8 mg/kg  
Source Literature value

Type of value Derived No Effect Level (DNEL)  
Reference group Consumer  
Duration of exposure Long term  
Route of exposure inhalative  
Mode of action Systemic effects  
Concentration 33 mg/m<sup>3</sup>  
Source Literature value

Type of value Derived No Effect Level (DNEL)  
Reference group Consumer  
Duration of exposure Long term  
Route of exposure oral  
Mode of action Systemic effects  
Concentration 1,67 mg/kg  
Source Literature value

**Xylene**

Type of value Derived No Effect Level (DNEL)  
Reference group Worker  
Duration of exposure Short term  
Route of exposure inhalative  
Mode of action Systemic effects  
Concentration 289 mg/m<sup>3</sup>

Type of value Derived No Effect Level (DNEL)  
Reference group Worker  
Duration of exposure Short term

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Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	289	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	180	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	77	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	174	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	174	mg/m <sup>3</sup>
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Lifetime	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	108	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Lifetime	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	1,6	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Lifetime	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	14,8	mg/m <sup>3</sup>

**Solvent naphtha (petroleum), light arom.**

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	



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Duration of exposure Long term  
Route of exposure oral  
Mode of action Systemic effects  
Concentration 11 mg/kg

Type of value Derived No Effect Level (DNEL)  
Reference group Consumer  
Duration of exposure Long term  
Route of exposure dermal  
Mode of action Systemic effects  
Concentration 11 mg/kg

Type of value Derived No Effect Level (DNEL)  
Reference group Consumer  
Duration of exposure Long term  
Route of exposure inhalative  
Mode of action Systemic effects  
Concentration 32 mg/m<sup>3</sup>

Type of value Derived No Effect Level (DNEL)  
Reference group Worker  
Duration of exposure Long term  
Route of exposure inhalative  
Mode of action Systemic effects  
Concentration 150 mg/m<sup>3</sup>

**Hydrocarbons, C10, aromatics, <1% naphthalene**

Type of value Derived No Effect Level (DNEL)  
Reference group Worker  
Duration of exposure Long term  
Route of exposure inhalative  
Mode of action Systemic effects  
Concentration 151 mg/m<sup>3</sup>

Type of value Derived No Effect Level (DNEL)  
Reference group Worker  
Duration of exposure Long term  
Route of exposure dermal  
Mode of action Systemic effects  
Concentration 12,5 mg/kg/d

Type of value Derived No Effect Level (DNEL)  
Reference group Consumer  
Duration of exposure Long term  
Route of exposure inhalative  
Mode of action Systemic effects  
Concentration 32 mg/m<sup>3</sup>

Type of value Derived No Effect Level (DNEL)  
Reference group Consumer  
Duration of exposure Long term  
Route of exposure dermal  
Mode of action Systemic effects  
Concentration 7,5 mg/kg/d

Type of value Derived No Effect Level (DNEL)

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Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	7,5	mg/kg/d

**Predicted No Effect Concentration (PNEC)****2-Methoxy-1-methylethyl acetate**

Reference substance	2-Methoxy-1-methylethyl acetate	
Type of value	PNEC	
Type	Freshwater	
Concentration	0,635	mg/l
Source	Literature value	
Type of value	PNEC	
Type	Freshwater sediment	
Concentration	3,29	mg/kg
Source	Literature value	
Type of value	PNEC	
Type	Soil	
Concentration	0,29	mg/kg
Source	Literature value	
Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	100	mg/l
Source	Literature value	
Type of value	PNEC	
Type	Marine sediment	
Concentration	0,329	mg/kg
Source	Literature value	
Type of value	PNEC	
Type	Saltwater	
Concentration	0,0635	mg/l

**Xylene**

Type of value	PNEC	
Type	Freshwater	
Concentration	0,327	mg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	0,327	mg/l
Type of value	PNEC	
Type	Freshwater sediment	
Concentration	12,46	mg/kg
Type of value	PNEC	
Type	Marine sediment	
Concentration	12,46	mg/kg
Type of value	PNEC	

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Type Concentration	Soil 2,31	mg/kg
Type of value Type Concentration	PNEC Sewage treatment plant (STP) 6,58	mg/l
Type of value Type Concentration	PNEC Water (intermittent release) 0,327	mg/l

## 8.2. Exposure controls

### Exposure controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

### Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. Full mask, filter A

### Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

For prolonged or repeated handling nitrile rubber gloves with textile undergloves are required.

Material thickness > 0,5 mm

Breakthrough time < 30 min

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

### Eye protection

Use safety eyewear designed to protect against splash of liquids.

### Body protection

Cotton or cotton/synthetic overalls or coveralls are normally suitable.

## SECTION 9: Physical and chemical properties

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

<b>Form</b>	Pasty
<b>Colour</b>	coloured
<b>Odour</b>	solvent-like
<b>Odour threshold</b>	
Remarks	No data available
<b>pH value</b>	
Remarks	Not applicable
<b>Melting point</b>	

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Remarks not determined

**Freezing point**

Remarks not determined

**Initial boiling point and boiling range**

Value	appr. 137	°C
Pressure	1.013	hPa
Source	Literature value	

**Flash point**

Value	45	°C
Method	ASTM D 6450 (CCCFP)	

**Evaporation rate (ether = 1) :**

Remarks not determined

**Flammability (solid, gas)**

Not applicable

**Upper/lower flammability or explosive limits**

Lower explosion limit	appr. 0,6	%(V)
Upper explosion limit	appr. 10,8	%(V)
Source	Literature value	

**Vapour pressure**

Value	appr. 4	hPa
Temperature	20	°C
Method	calculated	

**Vapour density**

Remarks not determined

**Density**

Value	0,990	g/cm <sup>3</sup>
Temperature	20	°C
Method	DIN EN ISO 2811	

**Solubility in water**

Remarks partially miscible

**Partition coefficient: n-octanol/water**

Remarks Not applicable

**Ignition temperature**

Value	appr. 315	°C
Source	Literature value	

**Efflux time**

Value	> 150	s
Method	DIN 53211 4 mm	

**Explosive properties**

evaluation no

**Oxidising properties**

evaluation None known

**9.2. Other information****Other information**

The physical specifications are approximate values and refer to the used safety relevant component(s).

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## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

### **10.2. Chemical stability**

Stable under recommended storage and handling conditions (see section 7).

### **10.3. Possibility of hazardous reactions**

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### **10.4. Conditions to avoid**

When exposed to high temperatures may produce hazardous decomposition products.

### **10.5. Incompatible materials**

No hazardous reactions when stored and handled according to prescribed instructions.

### **10.6. Hazardous decomposition products**

See chapter 5.2 (Firefighting measures - Special hazards arising from the substance or mixture).

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Acute dermal toxicity (Components)**

##### **Xylene**

Species	rabbit		
LD50	>	4200	mg/kg

#### **Acute inhalational toxicity**

ATE	>	5	mg/l
Administration/Form	Dust/Mist		
Method	calculated value (Regulation (EC) No. 1272/2008)		

#### **Acute inhalative toxicity (Components)**

##### **Xylene**

Species	rat		
LC50	>	29	mg/l
Duration of exposure	4	h	
Administration/Form	Vapors		

#### **Experience in practice**

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Irritating to skin. The liquid splashed in the eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

#### **Other information**

There are no data available on the mixture itself.

The mixture has been assessed following the conventional method of the Dangerous Preparations

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Directive 1999/45/EC and classified for toxicological hazards accordingly.

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

#### **General information**

There are no data available on the mixture itself. Do not allow to enter drains or water courses. The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

#### **Fish toxicity (Components)**

##### **Solvent naphtha (petroleum), light arom.**

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )			
	9,2			mg/l
Duration of exposure	96	h		

#### **Daphnia toxicity (Components)**

##### **Solvent naphtha (petroleum), light arom.**

Duration of exposure	3,2			mg/l
	48	h		

#### **Algae toxicity (Components)**

##### **Solvent naphtha (petroleum), light arom.**

Species	Desmodesmus			
	2,6	to	2,9	mg/l
Duration of exposure	72	h		

### **12.2. Persistence and degradability**

#### **General information**

There are no data available on the mixture itself.

### **12.3. Bioaccumulative potential**

#### **General information**

There are no data available on the mixture itself.

#### **Partition coefficient: n-octanol/water**

Remarks	Not applicable
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### **12.4. Mobility in soil**

#### **General information**

There are no data available on the mixture itself.

### **12.5. Results of PBT and vPvB assessment**

#### **General information**

There are no data available on the mixture itself.

### **12.6. Other adverse effects**

#### **General information**

There are no data available on the mixture itself.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Disposal recommendations for the product**

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Do not allow to enter drains or water courses.

Wastes and emptied containers should be classified in accordance with relevant national regulation.

The European Waste Catalogue classification of this product, when disposed of as waste is

EWC waste code 08 03 12\* waste ink containing dangerous substances

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

For further information contact your local waste authority.

### Disposal recommendations for packaging

Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Not emptied containers are hazardous waste (waste code number 150110).

## SECTION 14: Transport information

### Land transport ADR/RID

#### 14.1. UN number

UN 1263

#### 14.2. UN proper shipping name

PAINT (Solvent naphtha (petroleum), light arom.)

#### 14.3. Transport hazard class(es)

Class 3

Label 3

#### 14.4. Packing group

Packing group III

Special provision 640E

Limited Quantity 5 I

Transport category 3

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS

Tunnel restriction code D/E

### Marine transport IMDG/GGVSee

#### 14.1. UN number

UN 1263

#### 14.2. UN proper shipping name

PAINT (Solvent naphtha (petroleum), light arom.)

#### 14.3. Transport hazard class(es)

Class 3

#### 14.4. Packing group

Packing group III

#### 14.5. Environmental hazards

Marine Pollutant

### Air transport ICAO/IATA

#### 14.1. UN number

UN 1263

#### 14.2. UN proper shipping name

PAINT (Solvent naphtha (petroleum), light arom.)

#### 14.3. Transport hazard class(es)

Class 3

#### 14.4. Packing group

Packing group III

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS

### Information for all modes of transport

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### 14.6. Special precautions for user

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### Other information

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

no

## SECTION 15: Regulatory information

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

#### Major-accident categories acc. 96/82/EC

Category	9.II	Dangerous for environment	200.000	kg	500.000	kg
Category	6	Flammable	5.000.000	kg	50.000.000	kg

#### VOC

VOC (EU) 44,24 % 438 g/l

#### Other information

The product does not contain substances of very high concern (SVHC).

#### Other information

All components are contained in the TSCA inventory or exempted.

All components are contained in the AICS inventory.

All components are contained in the DSL inventory.

All components are contained in the IECSC inventory.

All components are contained in the ENCS inventory.

All components are contained in the ECL inventory.

### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: Other information

#### R-phrases listed in Chapter 3

10	Flammable.
20	Harmful by inhalation.
20/21	Harmful by inhalation and in contact with skin.
36/37/38	Irritating to eyes, respiratory system and skin.
37	Irritating to respiratory system.
43	May cause sensitization by skin contact.
50	Very toxic to aquatic organisms.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

#### Hazard statements listed in Chapter 3

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.



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H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure:
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

### CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 3	Flammable liquid, Category 3
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.  
The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.

#### Trusted Partner for Your Product Decorating Needs

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