

**Safety Data Sheet**

A.W. Faber-Castell Ges.m.b.H

according to 29 CFR 1910.1200(g)

**Textliner Ink TL 46 Metallic**

Revision date: 12.07.2019

Product code: 100-114-41x

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**1. Identification****Product identifier**

Textliner Ink TL 46 Metallic

**Further trade names**

100-114-414 TL 46 Gold

100-114-415 TL 46 silver

100-114-416 TL 46 Rose

100-114-417 TL 46 Rubin

**Recommended use of the chemical and restrictions on use****Details of the supplier of the safety data sheet**

Company name:	A.W. Faber-Castell Ges.m.b.H	
	Austria	
Street:	Saag 7	
Place:	A-4090 Engelhartzell	
Telephone:	+43 (0)-7717-8053-0	Telefax: +43 (0)-7717-8053-4344
Contact person:	Dr. Gerhard Lugert	
e-mail:	Gerhard.Lugert@faber-castell.de	
Responsible Department:	Faber-Castell AG	
	Nürnberg Str. 2	
	D-90546 Stein	
	Departement TEC	
	Dr. Gerhard Lugert, +49 (0) -911-9965 5550, privat: +49 (0)-911-61 64 26	
	Wolfgang Schwarz, +49 (0) -911-9965 5878	
<b>Emergency phone number:</b>	+49 (0) -911-9965 5550	
	+49 (0) -911-61 64 26	

**2. Hazard(s) identification****Classification of the chemical****29 CFR Part 1910.1200**

Flammable liquids: Flam. Liq. 4

**Label elements****29 CFR Part 1910.1200****Signal word:** Warning**Hazard statements**

Combustible liquid

**Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Store in a well-ventilated place.

**Special labelling of certain mixtures**

4 % of the mixture consists of ingredient(s) of unknown acute toxicity (oral).  
6 % of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).  
6 % of the mixture consists of ingredient(s) of unknown acute toxicity (inhalation).

**Hazards not otherwise classified**

No data available.

**3. Composition/information on ingredients****Mixtures**



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#### Chemical characterization

Preparation.

#### 4. First-aid measures

##### Description of first aid measures

###### General information

Remove contaminated clothing immediately and dispose off safely.  
If victim is at risk of losing consciousness, position and transport on their side.  
Turn a vomiting person to the side.

###### After inhalation

Provide fresh air.

###### After contact with skin

Wash with plenty of water. Change contaminated clothing.

###### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of indisposition, seek medical advice.

###### After ingestion

Rinse mouth immediately and drink plenty of water.

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

No data available.

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

No data available.

#### 5. Fire-fighting measures

##### Extinguishing media

###### Suitable extinguishing media

If packaging or plastic boxes are burning:  
Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Water spray.  
Water spray.

###### Unsuitable extinguishing media

For this substance / preparation no extinguishing agent restriction exist.

##### Specific hazards arising from the chemical

No specific hazards known.

##### Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

##### Additional information

The product itself does not burn.

#### 6. Accidental release measures

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

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Change contaminated clothing.

##### Environmental precautions

Do not allow to enter into surface water or drains.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

##### Reference to other sections

Information for safe handling, see section 7.



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Information for personal protective equipment, see section 8.  
Information for disposal, see section 13.

## 7. Handling and storage

### Precautions for safe handling

#### Advice on safe handling

Keep container tightly closed.

#### Advice on protection against fire and explosion

No special measures are necessary.

#### Further information on handling

No special measures are necessary.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Ink: Protect from freezing.

Recommended storage temperature: 5 - 35 °C

#### Hints on joint storage

none/none

#### Further information on storage conditions

Do not mix with acids.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure limits

CAS No.	Substance	ppm	mg/m <sup>3</sup>	f/cc	Category	Origin
56-81-5	Glycerin (mist) Respirable fraction	-	5		TWA (8 h)	PEL
1344-28-1	alpha-Alumina Respirable fraction	-	5		TWA (8 h)	PEL

### Exposure controls

#### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink. 3

#### Eye/face protection

For normal use not necessary.

#### Respiratory protection

For normal use not necessary.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state:

liquid

Color:

several

Odor:

geruchlos

pH-Value (at 25 °C):

7 (25 g/l)

#### Changes in the physical state

Melting point/freezing point:

ca. 0 °C

Initial boiling point and boiling range:

&gt; 100 °C

Flash point:

not applicable



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Sustaining combustion:	No data available
<b>Flammability</b>	
Solid:	not applicable
Gas:	not applicable
<b>Explosive properties</b>	
not explosive.	
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Ignition temperature:	not applicable
<b>Auto-ignition temperature</b>	
Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not applicable
<b>Oxidizing properties</b>	
Not oxidizing.	
Density:	ca. 1 g/cm <sup>3</sup>
<b>Solubility in other solvents</b>	
No data available.	
Solvent content:	<3%
<b>Other information</b>	
Solid content:	<5%

## 10. Stability and reactivity

### Reactivity

No data available.

### Chemical stability

Stability: Stable  
 not proof against strong acids and bases.  
 Not proof against oxidizing and reducing agents.

### Possibility of hazardous reactions

Hazardous reactions: Will not occur  
 No hazardous reactions known.

### Conditions to avoid

Keep away from heat.  
 Protect from freezing.

### Incompatible materials

strong acids.  
 strong oxidizers  
 Reducing agent, strong

### Hazardous decomposition products

None known during normal usage.

## 11. Toxicological information

### Information on toxicological effects

#### Irritation and corrosivity



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Irritation on eye:  
 Irritation on skin: none known  
 Carcinogenicity (OSHA): No ingredient of this mixture is listed.  
 Carcinogenicity (IARC): Carbon black (CAS 1333-86-4) is listed in group 2B.  
 Carcinogenicity (NTP): No ingredient of this mixture is listed.

## 12. Ecological information

### Ecotoxicity

No data available.

### Persistence and degradability

No data available.

### Bioaccumulative potential

No data available.

### Mobility in soil

No data available.

### Other adverse effects

none known

## 13. Disposal considerations

### Waste treatment methods

#### **Disposal recommendations**

Dispose of waste according to applicable legislation. Smaller quantities can be stored together with the domestic waste.

#### **Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## 14. Transport information

### **US DOT 49 CFR 172.101**

#### **Proper shipping name:**

Not a hazardous material with respect to these transport regulations.

### **Marine transport (IMDG)**

#### **UN number:**

No dangerous good in sense of this transport regulation.

#### **UN proper shipping name:**

No dangerous good in sense of this transport regulation.

#### **Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

#### **Packing group:**

No dangerous good in sense of this transport regulation.

### **Air transport (ICAO-TI/IATA-DGR)**

#### **UN number:**

No dangerous good in sense of this transport regulation.

#### **UN proper shipping name:**

No dangerous good in sense of this transport regulation.

#### **Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

#### **Packing group:**

No dangerous good in sense of this transport regulation.

### **Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

### **Special precautions for user**

No dangerous good in sense of this transport regulation.

### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No dangerous good in sense of this transport regulation.

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**15. Regulatory information****U.S. Regulations****National regulatory information**

SARA Section 313 Toxic release inventory:

Aluminum oxide (fibrous forms) (1344-28-1): De minimis limit = 1.0 %, Reportable threshold = Standard

**State Regulations****Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

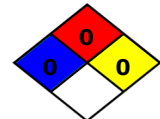
**16. Other information****Hazardous Materials Information Label (HMIS)**

Health: 0  
Flammability: 0  
Physical Hazard: 0

**NFPA Hazard Ratings**

Health: 0  
Flammability: 0  
Reactivity: 0  
Unique Hazard:

Revision date: 12.07.2019  
Revision No: 1,00

**Abbreviations and acronyms**

EC: European Community  
CAS: Chemical Abstracts  
TRGS: Technische Regeln für Gefahrstoffe  
LD: letal Dose  
DIN: Deutsches Institut für Normung  
VwVwS: Verwaltungsvorschrift wassergefährdende Stoffe  
A.W.: Anton Wolfgang  
HZVA: Herstellung, Zubereitung, Vertrieb und Anwendung. Abkürzung aus dem Europäischen Abfallverzeichnis.  
VOC: Volatile Organice Compounds  
EN: Europäische Norm

**Other data**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*