

**Safety Data Sheet**

Regulation EC No 1907/2006 Art.31

**Productname :** LACQUER PENS**Creationdate :** 29.06.17 Version : 3.0**Ref.Nr.:** 5111C**Replaces:** BDS000890\_20150407**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

LACQUER PEN 5111C

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

Paints

**1.3. Details of the supplier of the safety data sheet****1.4. Emergency telephone number****SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

**Physical:** Flammable liquid, category 3  
Flammable liquid and vapour.

Classification is based on test data.

**Health:** Acute toxicity, category 4  
Harmful in contact with skin.  
Acute toxicity, category 4  
Harmful if inhaled.  
Skin irritation, category 2  
Causes skin irritation.

Classification based on calculation method.

**Environment:** Not classified

Classification based on calculation method.



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Productname : LACQUER PEN  
 Ref.Nr.: LACQUER PEN      Creationdate : 29.06.17 Version : 3.0  
 Replaces: BDS000890\_20150407

## 2.2. Label elements

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

Product identifier:	Contains: xylene
Hazard pictogram(s):	 
Signal word:	Warning
Hazard statement(s):	H226 : Flammable liquid and vapour. H312 : Harmful in contact with skin. H332 : Harmful if inhaled. H315 : Causes skin irritation.
Precautionary statement(s):	P102 : Keep out of reach of children. P261 : Avoid breathing dust/fume/gas/mist/vapours/spray. P271 : Use only outdoors or in a well-ventilated area. P280 : Wear protective gloves/protective clothing/eye protection/face protection. P302/352 : IF ON SKIN: Wash with plenty of soap and water. P312 : Call a POISON CENTER or doctor/physician if you feel unwell. P501-2 : Dispose of contents/container to an authorised waste collection point.
Supplemental Hazard information:	Restricted to professional users. The label information is reduced in accordance with section 1.5.2 of Annex I (art 29 CLP-regulation)

## 2.3. Other hazards

No information available

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

Not applicable.

## 3.2. Mixtures

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
o-xylene [1]	01-2119485822-30	95-47-5	202-422-2 [1]	25-50	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2	H226,H332,H312,H315	A
Explanation notes							
A : substance with Community workplace exposure limit							
(* Explanation phrases : see chapter 16)							

## SECTION 4: First aid measures

**Safety Data Sheet**

Regulation EC No 1907/2006 Art.31

Productname :  
Ref.Nr.:

LACQUER PEN

Creationdate : 29.06.17 Version : 3.0  
Replaces: BDS000890\_20150407**4.1. Description of first aid measures**

<b>Contact with eyes :</b>	If substance has got into eyes, immediately wash out with water for at least 15 minutes Seek medical advice
<b>Contact with skin :</b>	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice
<b>Inhalation :</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Ingestion :</b>	If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

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

<b>Inhalation :</b>	Harmful by inhalation. Symptoms : sore throat, cough, shortness of breath, headache
<b>Ingestion :</b>	May induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting
<b>Skin contact :</b>	Harmful in contact with skin Repeated exposure may cause skin dryness or cracking. Symptoms : redness and pain
<b>Eye contact :</b>	May cause irritation. Symptoms : redness and pain

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

<b>General Advice :</b>	If you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

foam, carbon dioxide or dry agent

**5.2. Special hazards arising from the substance or mixture**Forms hazardous decomposition products  
CO,CO2**5.3. Advice for firefighters**Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Safety Data Sheet**

Regulation EC No 1907/2006 Art.31

<b>Productname :</b>	LACQUER PEN	<b>Creationdate :</b>	29.06.17 Version : 3.0
<b>Ref.Nr.:</b>		<b>Replaces:</b>	BDS000890_20150407

Shut off all ignition sources  
Use only outdoors or in a well-ventilated area.  
Wear suitable protective clothing and gloves.

**6.2. Environmental precautions**

Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

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

Absorb spillage in suitable inert material  
Place in appropriate container

**6.4. Reference to other sections**

For further information see section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Keep away from heat and sources of ignition  
Take precautionary measures against static discharges  
Equipment should be earthed  
Use explosion-proof electrical/ventilating/lighting/.../equipment.  
Use only non-sparking tools.  
Do not breathe aerosols or vapours.  
Use only outdoors or in a well-ventilated area.  
Avoid contact with skin and eyes.  
Wash thoroughly after use  
Wear protective gloves/protective clothing/eye protection/face protection.

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

Keep in a cool, dry, well ventilated place  
Keep out of reach of children.

**7.3. Specific end use(s)**

Paints

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

Exposure limits :

## Safety Data Sheet

Regulation EC No 1907/2006 Art.31

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Ref.Nr.:

LACQUER PEN

Creationdate : 29.06.17 Version : 3.0  
Replaces: BDS000890\_20150407

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
o-xylene [1]	95-47-6	TWA	50 ppm
		STEL	100 ppm

## 8.2. Exposure controls

Control procedures :	Use only outdoors or in a well-ventilated area. Keep away from heat and sources of ignition Take precautionary measures against static discharges
Personal protection :	Take precautions to avoid contact with skin and eyes when handling the product. Do not breathe aerosols or vapours.
inhalation :	In case of insufficient ventilation <sup>h</sup> , wear suitable respiratory equipment.
recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type A)
hands and skin :	When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through.
Recommended gloves:	Nitrile
eyes :	Wear safety eyewear according to EN 166.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance : physical state :	Liquid.
colour :	Blue.
odour :	Aromatic.
pH :	Not applicable.
Boiling point/range :	> 100 °C
Flash point :	25 °C (Closed Cup)
Evaporation rate :	Not available.
Explosion limits : upper limit :	Not available.
lower limit :	Not available.
Vapour pressure :	Not available.
Relative density :	0.9 Not available.
Solubility in water :	Insoluble in water
Auto-ignition :	> 200 °C
Viscosity :	Not available.

## 9.2. Other information

VOC = volatile organic compounds 47 %

## SECTION 10: Stability and reactivity

**Safety Data Sheet**

Regulation EC No 1907/2006 Art.31

<b>Productname :</b>	LACQUER PEN	<b>Creationdate :</b>	29.06.17 Version : 3.0
<b>Ref.Nr.:</b>		<b>Replaces:</b>	BDS000890_20150407

**10.1. Reactivity**

No hazardous reactions known if used for its intended purpose

**10.2. Chemical stability**

Stable

**10.3. Possibility of hazardous reactions**

No hazardous reactions known if used for its intended purpose

**10.4. Conditions to avoid**

Avoid overheating

**10.5. Incompatible materials**

Strong oxidising agent

**10.6. Hazardous decomposition products**

CO,CO2

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

<b>acute toxicity:</b>	Harmful in contact with skin. Harmful if inhaled.
<b>skin corrosion/irritation:</b>	Causes skin irritation.
<b>serious eye damage/irritation:</b>	based on available data the classification criteria are not met
<b>respiratory or skin sensitisation:</b>	based on available data the classification criteria are not met
<b>germ cell mutagenicity:</b>	based on available data the classification criteria are not met
<b>carcinogenicity:</b>	based on available data the classification criteria are not met
<b>toxicity for reproduction:</b>	based on available data the classification criteria are not met
<b>STOT-single exposure:</b>	based on available data the classification criteria are not met
<b>STOT repeated exposure:</b>	based on available data the classification criteria are not met
<b>aspiration hazard:</b>	based on available data the classification criteria are not met

**Information on likely routes of exposure:**

<b>Inhalation :</b>	Harmful by inhalation. Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	May cause gastrointestinal disturbances
<b>Skin contact :</b>	Harmful in contact with skin Irritating to skin
<b>Eye contact :</b>	May cause irritation.

**Safety Data Sheet**

Regulation EC No 1907/2006 Art.31

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Creationdate :  
Replaces:29.06.17 Version : 3.0  
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No information available

**SECTION 12: Ecological information****12.1. Toxicity**

Not classified

**Ecotoxicological data:**

No information available

**12.2. Persistence and degradability**

No experimental data available

**12.3. Bioaccumulative potential**

No experimental data available

**12.4. Mobility in soil**

No experimental data available

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

No information available

**12.6. Other adverse effects**

No experimental data available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**Product :** This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point.

**Contaminated packaging :** Disposal should be in accordance with local, state or national legislation

**SECTION 14: Transport information**

**Safety Data Sheet**

Regulation EC No 1907/2006 Art.31

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**14.1. UN number**

UN-number: 1263

**14.2. UN proper shipping name**

Proper shipping name: PAINT

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

Class:	3
ADR/RID - Classification code:	F1

**14.4. Packing group**

Packing group: III

**14.5. Environmental hazards**

ADR/RID - Environmentally hazardous:	No
IMDG - Marine pollutant:	No
IATA/ICAO - Environmentally hazardous:	No

**14.6. Special precautions for user**

ADR/RID - Tunnelcode:	(D/E)
IMDG - Ems:	F-E, S-D
IATA/ICAO - PAX:	355
IATA/ICAO - CAO	366

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

Not applicable.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The Safety Data Sheet is compiled according to the current European requirements.  
Regulation (EC) No 1907/2006 (REACH)  
Regulation (EC) No 1272/2008 (CLP)

**15.2. Chemical safety assessment**

No information available

**Safety Data Sheet**

Regulation EC No 1907/2006 Art.31

<b>Productname :</b>	<b>LACQUER PEN</b>	<b>Creationdate :</b>	29.06.17 Version : 3.0
<b>Ref.Nr.:</b>		<b>Replaces:</b>	BDS000890_20150407

**SECTION 16: Other information**

\*Explanation hazard statements: H226 : Flammable liquid and vapour.

H312 : Harmful in contact with skin.

H315 : Causes skin irritation.

H332 : Harmful if inhaled.

REVISIONS IN CHAPTRE : 8.2. Exposure controls

acronyms and synonyms:

TWA = time weight average

STEL = short time exposure limit

VOC = volatile organic compounds

PBT = persistant bioaccumulative toxic

vPvB = very persitant very bioaccumulative

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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