

# Material Safety Data Sheet

according to 91/155/EEC



**Product name :** Lascaux Soft resist (2093)  
**Revision :** 13.05.2005      **Version :** 1.0.0  
**Print date :** 16.06.2005

---

## 01. Identification of substance, preparation and company

### **Product name:**

Lascaux Soft resist (2093)

### **Manufacturer/Supplier**

Lascaux Colours & Restauro  
Barbara Diethelm AG

### **Street/P.O.Box**

Zürichstrasse 42

### **Country code/Postal code/Town/City**

8306 Brüttsellen

### **Telephone / Telefax**

+41 1 807 41 41 / +41 1 807 41 40

### **Emergency information**

+41 1 251 51 51 (Tox Center)

+ +1 800 468 6942 (for U.S.A.)

---

## 02. Composition/information on ingredients

### **Chemical characterization**

Aqueous dispersion based on acrylic copolymer.

### **Hazardous components**

DIETHYLENE GLYCOL ETHYL ETHER ; CAS-No. : 111-90-0

Percentage : 5 - 10 %

Classification : Xi ; R 36

N-METHYL-2-PYRROLIDONE ; CAS-No. : 872-50-4

Percentage : 1 - 5 %

Classification : Xi ; R 36/38

NONYLPHENOLETHOXYLATE ; CAS-No. : 68412-54-4

Percentage : < 0.5 %

Classification : N ; R 51/53 Xn ; R 22 Xi ; R 36/38

---

## 03. Hazards identification

### **Hazard designation**

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 99/45/EC.

---

## 04. First-aid measures

### **General**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

### **After inhalation**

Take the casualty into the fresh air and keep warm. Keep at rest. Irregular breathing/no breathing: artificial respiration. Unconsciousness: lateral position - call a physician.

### **After skin contact**

Wash away with soap and water and rinse. Do NOT use solvents or thinners.

### **After eye contact**

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

### **After ingestion**

Contact a doctor immediately. Keep at rest. Do not induce vomiting.

---

# Material Safety Data Sheet

according to 91/155/EEC



**Product name :** Lascaux Soft resist (2093)  
**Revision :** 13.05.2005      **Version :** 1.0.0  
**Print date :** 16.06.2005

---

## 05. Fire-fighting measures

### **Suitable extinguishing media**

Alcohol resistant foam, CO<sub>2</sub>, powders, water spray.

### **Unsuitable extinguishing media**

Waterjet.

### **Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged**

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

### **Special protective equipment**

Appropriate breathing apparatus may be required.

### **Additional information**

Do not allow the quenching water into the sewage system.

---

## 06. Accidental release measures

### **Personal precautions**

Refer to protective measures listed in sections 7 and 8.

### **Environmental precautions**

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

### **Methods for cleaning up/collecting**

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.

---

## 07. Handling and storage

### **Information for safe handling**

Do not eat or drink during work - no smoking. Comply with the health and safety at work laws. For personal protection see Section 8.

### **Requirements to be met by storerooms and containers**

No particular measures required.

### **Information about separation of incompatible products**

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

### **Further information about storage conditions**

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep containers dry and cool. Comply with the health and safety at work laws.

**Storage class (VCI) :** 12

---

## 08. Exposure controls and personal protection

### **Components with critical values that require monitoring at the workplace (exposure limits)**

N-METHYL-2-PYRROLIDONE ; CAS-No. : 872-50-4

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace ( D )

Value : 19 ppm / 80 mg/m<sup>3</sup>

Category : 4

Remarks : H,Y

Version date : 01.09.2001

# Material Safety Data Sheet

according to 91/155/EEC



**Product name :** Lascaux Soft resist (2093)  
**Revision :** 13.05.2005      **Version :** 1.0.0  
**Print date :** 16.06.2005

---

## Personal protective equipment

### Respiratory protection

If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

### Eye protection

Use safety glasses.

### Body protection

After skin contact wash thoroughly with soap and water or use recognised skin cleanser. Do Not use solvents or thinners.

---

## 09. Physical and chemical properties

### Image

**Form :** Liquid.  
**Colour :** Slight-brownish.  
**Odour :** Poor, characteristic.

### Relevant safety data

<b>Boiling point / range :</b>	( 1013 hPa )	ca.	100	°C
<b>Flash point :</b>			not applicable	
<b>Vapour pressure :</b>	( 50 °C )	ca.	120	hPa
<b>Density :</b>	( 20 °C )	ca.	1	g/cm <sup>3</sup>
<b>pH value :</b>			8 - 8.5	
<b>Viscosity :</b>	( 20 °C )	ca.	300	mPa.s

---

## 10. Stability and reactivity

### Conditions to avoid

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

### Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

---

## 11. Toxicological information

### Additional toxicological information

There no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Sections 2 and 15 for details.

---

## 12. Ecological information

### Additional ecological information

#### General ecological information

There are no data available on the product itself. Do not empty into waters or drains.

---

## 13. Disposal considerations

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

---

## 14. Transport information

### Land transport ADR/RID and GGVS/GGVE (2000)

# Material Safety Data Sheet

according to 91/155/EEC



**Product name :** Lascaux Soft resist (2093)  
**Revision :** 13.05.2005      **Version :** 1.0.0  
**Print date :** 16.06.2005

---

## Classification

Class : -

## Land transport ADR/RID (2001)

### Classification

Class : -

## Maritime transport IMDG/GGVSea

### Classification

IMDG-Code : -

## Air transport ICAO-TI and IATA-DGR

### Classification

Class : -

---

## 15. Regulatory information

### Classification according to EEC directives

#### Special designation for certain preparations

101                      Safety data sheet available for professional user on request.

### National regulatory information

#### Regulation on inflammable liquids (VbF)

VbF-Class : Not dangerous according to VbF

#### Emission control act ("TA-Luft")

Sum organic substances class I : < 5 %

Sum organic substances class II : < 5 %

Sum organic substances class III : 20 - 25 %

#### Water pollution classification

Class : 1 according VwVwS

### International regulatory information

U.S.A. Conforms to ASTM D-4236. "No health labeling required"

---

## 16. Other information

### Further information

The details in this material safety data sheet satisfy national and EU legislation. We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 1 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

### R-Phrases of components

22	Harmful if swallowed
36	Irritating to eyes
36/38	Irritating to eyes and skin
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

---

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

---