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

1.1 Product identifier
Lascaux Acrylic Adhesive 498 HV (4005)

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses
Adhesives for the preservation and restoration of art and cultural assets

1.3 Details of the supplier of the safety data sheet
Supplier (manufacturer/importer/only representative/downstream user/distributor)
Lascaux Colours & Restauro
Barbara Diethelm AG
Street : Zürichstrasse 42
Postal code/city : 8306 Brüttisellen
Telephone : +41 44 807 41 41
Telefax : +41 44 807 41 40
Information contact : techsupport@lascaux.ch

1.4 Emergency telephone number
Tox Info Suisse
24-h-emergency number 145
Tel. +41 44 251 51 51 (international)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
None

2.2 Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Special rules for supplemental label elements for certain mixtures
EUH208 Contains 2-METHYL-2H-ISOTHIAZOL-3-ONE ; 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

2.3 Other hazards
None

SECTION 3: Composition / information on ingredients

3.2 Mixtures
Hazardous ingredients
None

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.
Following 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.

In case of 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.

4.2 Most important symptoms and effects, both acute and delayed
No information available.

4.3 Indication of any immediate medical attention and special treatment needed
None

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Alcohol resistant foam, CO2, powders, water spray.

Unsuitable extinguishing media
Waterjet.

5.2 Special hazards arising from the substance or mixture
Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

5.3 Advice for firefighters
Special protective equipment for firefighters
Appropriate breathing apparatus may be required.

5.4 Additional information
Do not allow the quenching water into the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Keep away from ignition sources and provide for good ventilation. Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions
If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up
For 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
None
7.1 **Precautions 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.

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

**Requirements for storage rooms and vessels**
No particular measures required.

**Hints on joint storage**
- Storage class (D): 12
- Storage class (TRGS 510) (D): 12

**Further information on 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.

7.3 **Specific end use(s)**
None

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**SECTION 8: Exposure controls/personal protection**

8.1 **Control parameters**

**Occupational exposure limit values**
- **AMMONIA, ANHYDROUS**: CAS No.: 7664-41-7
- Limit value type (country of origin): MAK (CH)
  - Limit value: 20 ppm / 14 mg/m³
  - Remark: SSC
  - Version: 01.01.2013
- Limit value type (country of origin): STEL (CH)
  - Limit value: 40 ppm / 28 mg/m³
  - Remark: SSC
  - Version: 01.01.2013
- Limit value type (country of origin): TRGS 900 (D)
  - Limit value: 20 ppm / 14 mg/m³
  - Peak limitation: Y
  - Version: 02.04.2014
- Limit value type (country of origin): STEL (EC)
  - Limit value: 50 ppm / 36 mg/m³
  - Version: 08.06.2000
- Limit value type (country of origin): TWA (EC)
  - Limit value: 20 ppm / 14 mg/m³
  - Version: 08.06.2000

8.2 **Exposure controls**

**Personal protection equipment**

**Eye/face protection**
Wear protective glasses in case of splashes.

**Skin protection**

**Body protection**
After skin contact wash thoroughly with soap and water or use recognised skin cleanser. Do Not use solvents or thinners.
SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

**Appearance**
Physical state: Pasty.

**Colour**: White.

**Odour**: Poor, characteristic.

**Safety relevant basis data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial boiling point and boiling range</td>
<td>(1013 hPa) ca. 100 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>(50 °C) ca. 120 hPa</td>
</tr>
<tr>
<td>Density</td>
<td>(20 °C) ca. 1,0 g/cm³</td>
</tr>
<tr>
<td>pH</td>
<td>8,5</td>
</tr>
<tr>
<td>Viscosity</td>
<td>(20 °C) 5000 - 10000 mPa.s</td>
</tr>
</tbody>
</table>

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity
No information available.

10.2 Chemical stability
No information available.

10.3 Possibility of hazardous reactions
No information available.

10.4 Conditions to avoid
Stable under recommended storage and handling conditions (See section 7).

10.5 Incompatible materials
No information available.

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

SECTION 11: Toxicological information

11.1 Information on toxicological effects
No information available.

SECTION 12: Ecological information

12.1 Toxicity
No information available.

12.2 Persistence and degradability
No information available.

12.3 Bioaccumulative potential
No information available.

12.4 **Mobility in soil**
No information available.

12.5 **Results of PBT and vPvB assessment**
No information available.

12.6 **Other adverse effects**
No information available.

12.7 **Additional ecotoxicological information**
There are no data available on the product itself.

**SECTION 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.

13.1 **Waste treatment methods**

**Product/Packaging disposal**

<table>
<thead>
<tr>
<th>Waste codes/waste designations according to EWC/AVV</th>
</tr>
</thead>
<tbody>
<tr>
<td>08 01 12: Waste paint and varnish other than those mentioned in 08 01 11.</td>
</tr>
</tbody>
</table>

**SECTION 14: Transport information**

14.1 **UN number**
No dangerous goods in sense of this transport regulation.

14.2 **UN proper shipping name**
No dangerous goods in sense of this transport regulation.

14.3 **Transport hazard class(es)**
No dangerous goods in sense of this transport regulation.

14.4 **Packing group**
No dangerous goods in sense of this transport regulation.

14.5 **Environmental hazards**
No dangerous goods in sense of this transport regulation.

14.6 **Special precautions for user**
None

**SECTION 15: Regulatory information**

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

**National regulations**

<table>
<thead>
<tr>
<th>U.S.A. Conforms to ASTM D-4236. &quot;No health labeling required&quot;</th>
</tr>
</thead>
</table>

**Technische Anleitung Luft (TA-Luft) (D):**

<table>
<thead>
<tr>
<th>Weight fraction (Number 5.2.4. III)</th>
<th>&lt; 1%</th>
</tr>
</thead>
</table>

**Water hazard class (WGK)**

<table>
<thead>
<tr>
<th>Class (D)</th>
<th>1 (Slightly hazardous to water)</th>
</tr>
</thead>
</table>

Classification according to VwVwS

15.2 **Chemical Safety Assessment**
No information available.
SECTION 16: Other information

16.1 Indication of changes
None

16.2 Abbreviations and acronyms
None

16.3 Key literature references and sources for data
None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]
No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)
None

16.6 Training advice
None

16.7 Additional information
The details in this material safety data sheet satisfy national and EC 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.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.