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

1.1 Product identifier
Medium for Consolidation (4176)

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses
Acrylic Dispersion 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]
Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2A ; Causes serious eye irritation.

2.2 Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms

Exclamation mark (GHS07)
Signal word
Warning
Hazard statements
H319 Causes serious eye irritation.
Precautionary statements
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P337+P313 If eye irritation persists: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Special rules for supplemental label elements for certain mixtures
EUH208  Contains 2,4,7,9-TETRAMETHYLDEC-5-YNE-4,7-DIOL ; A MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) ; 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
SODIUM DODECYL SULPHATE ; EC No. : 205-788-1; CAS No. : 151-21-3
Weight fraction : \( \geq 1 - < 3 \% \)
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Aquatic Chronic 3 ; H412

A MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9
Weight fraction : \( \geq 0.00015 - < 0.0015 \% \)
Classification 1272/2008 [CLP] : Acute Tox. 3 ; H301 Acute Tox. 3 ; H311 Acute Tox. 3 ; H314 Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

Additional information
Full text of H- and EUH-phrases: see section 16.

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
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
Do not allow to enter into surface water or drains. 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

SECTION 7: Handling and storage

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

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
None
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.

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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance
Physical state: Liquid.
Colour: Milky.

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</td>
<td>100 °C</td>
</tr>
<tr>
<td>range: (1013 hPa)</td>
<td></td>
</tr>
<tr>
<td>Flash point:</td>
<td>not applicable</td>
</tr>
<tr>
<td>Vapour pressure:</td>
<td>120 hPa</td>
</tr>
<tr>
<td>Density: (20 °C)</td>
<td>1,0 g/cm³</td>
</tr>
<tr>
<td>pH:</td>
<td>8,0 – 9,0</td>
</tr>
<tr>
<td>Viscosity: (20 °C)</td>
<td>1 - 10 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. Do not allow to enter into surface water or drains.

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
Waste codes/waste designations according to EWC/AVV
08 01 11: waste paint and varnish containing organic solvents or other dangerous substances.

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
U.S.A. Conforms to ASTM D-4236.

Technische Anleitung Luft (TA-Luft) (D):
Weight fraction (Number 5.2.5.1): < 5%

Water hazard class (WGK)
Class (D): 1 (Slightly hazardous to water) Classification according to VvVwS

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)

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H301</td>
<td>Toxic if swallowed.</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin.</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H331</td>
<td>Toxic if inhaled.</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life.</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>

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.
<table>
<thead>
<tr>
<th>Trade name</th>
<th>Medium for Consolidation (4176)</th>
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<tr>
<td>Revision date</td>
<td>22.06.2016</td>
</tr>
<tr>
<td>Print date</td>
<td>02.08.2016</td>
</tr>
<tr>
<td>Version (Revision)</td>
<td>3.0.0 (2.0.0)</td>
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