

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : **Lascaux Hard Resist (2090)**
Revision date : 13.05.2026
Print date : 13.05.2026

Version (Revision) : 5.0.0 (4.0.0)

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

1.1 Product identifier

Lascaux Hard Resist (2090)

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

ARE Product for Printmaking

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier : Lascaux Colours & Restauro, Barbara Diethelm AG
Street : Zürichstrasse 42
Postal code/City : CH-8306 Brüttsellen
Telephone : +41 44 807 41 41
Telefax : +41 44 807 41 40
Information contact : Lab, +41 44 807 41 42, labor.swiss@lascaux.ch
European address : Lascaux Colours & Restauro Europe GmbH
Street : Turmstrasse 11
Postal code/City : D-78467 Konstanz
Telephone : +49 7531 911 3996
Telefax : +49 7531 911 3997
Information contact : Lab, +41 44 807 41 42, labor.swiss@lascaux.ch

1.4 Emergency telephone number

Tox Info Suisse, 24-h-emergency number 145, Tel. +41 44 251 51 51

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 1,2-BENZISOTHIAZOL-3(2H)-ONE ; REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3 Other hazards

Adverse human health effects and symptoms

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

Adverse environmental effects

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

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3.2 Mixtures

Hazardous ingredients

1,2-BENZISOTHIAZOL-3(2H)-ONE ; EC No. : 220-120-9; CAS No. : 2634-33-5

Weight fraction : $\geq 0.0036 - < 0.036 \%$

Classification 1272/2008 [CLP] : Acute Tox. 2 ; H330 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Skin Sens. 1A ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

Specific Conc. Limits : Skin Sens. 1 ; H317: C $\geq 0.036 \%$ • (M Acute=1) • (ATE - inhalative (dust, mist) : 0.21 mg/L) • (ATE - oral : 450 mg/kg)

REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-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. 2 ; H310 Acute Tox. 2 ; H330 Acute Tox. 3 ; H301 Skin Corr. 1C ; H314 Eye Dam. 1 ; H318 Skin Sens. 1A ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410 EUH071

Specific Conc. Limits : Eye Dam. 1 ; H318: C $\geq 0.6 \%$ • Skin Corr. 1C ; H314: C $\geq 0.6 \%$ • Eye Irrit. 2 ; H319: C $\geq 0.06 \%$ • Skin Irrit. 2 ; H315: C $\geq 0.06 \%$ • Skin Sens. 1A ; H317: C $\geq 0.0015 \%$ • (M=100)

Additional information

For full text of Hazard- and EU Hazard-statements: 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.

Following 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.

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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

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

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

Occupational exposure limit values

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

Limit value type (country of origin) : MAK (CH)

Parameter : E: inhalable fraction

Limit value : 50 mg/m³

Remark : SSC

Version : 16.01.2026

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Limit value type (country of origin) : STEL (CH)
Parameter : E: inhalable fraction
Limit value : 100 mg/m³
Remark : SSC
Version : 16.01.2026

AMMONIA ; CAS No. : 1336-21-6

Limit value type (country of origin) : TRGS 900 (D)
Limit value : 20 ppm / 14 mg/m³
Peak limitation : 2(I)
Remark : Y
Version : 06.05.2025

Limit value type (country of origin) : STEL (EC)
Limit value : 50 ppm / 36 mg/m³
Version : 09.03.2022

Limit value type (country of origin) : TWA (EC)
Limit value : 20 ppm / 14 mg/m³
Version : 09.03.2022

REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H -ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9

Limit value type (country of origin) : MAK (CH)
Parameter : E: inhalable fraction
Limit value : 0.2 mg/m³
Remark : S SSC
Version : 16.01.2026

Limit value type (country of origin) : STEL (CH)
Parameter : E: inhalable fraction
Limit value : 0.4 mg/m³
Remark : S SSC
Version : 16.01.2026

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 : Liquid.

Colour : Slight-brownish.

Odour

Poor, characteristic.

Safety characteristics

Initial boiling point and boiling range : (1013 hPa) approx. 100 °C

Flash point : not applicable

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Vapour pressure :	(50 °C)		120	hPa
Density :	(20 °C)	approx.	1.05	g/cm ³
Solvent separation test :	(20 °C)		not applicable	
pH :			7.9 - 8.4	
Viscosity :	(20 °C)		290 - 410	mPa*s

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 hazard classes as defined in Regulation (EC) No 1272/2008

No information available.

11.2 Information on other hazards

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

12.8 Additional ecotoxicological information

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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

Directive 2008/98/EC (Waste Framework Directive)

After intended use

Waste codes/waste designations according to EWC/AVV

08 01 12: Waste paint and varnish other than those mentioned in 08 01 11.

SECTION 14: Transport information

14.1 UN number or ID number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

14.7 Maritime transport in bulk according to IMO instruments

No transport as bulk according to IBC Code.

SECTION 15: Regulatory information

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

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)

Use restriction according to REACH annex XVII, no. : 40, 75

National regulations

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

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

Weight fraction (Number 5.2.5. I) : < 5 %

Water hazard class

Classification according to AwSV - Class (D) : 1 (Slightly hazardous to water)

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

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16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Special rules for supplemental label elements for certain mixtures · 03. Hazardous ingredients · 07. Hints on joint storage - Storage class · 08. Occupational exposure limit values · 14. Transport hazard class(es) - Land transport (ADR/RID) · 14. Transport hazard class(es) - Sea transport (IMDG) · 14. Transport hazard class(es) - Air transport (ICAO-TI / IATA-DGR) · 15. Restrictions on use · 15. Technische Anleitung zur Reinhaltung der Luft (TA-Luft) · 15. Water hazard class

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) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

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.