

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



Trade name : **Polyamide Textile Welding Powder 5350 (4040)**
Revision date : 28.02.2017 Version (Revision) : 3.0.0 (2.0.0)
Print date : 04.04.2017

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

1.1 Product identifier

Polyamide Textile Welding Powder 5350 (4040)

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

Manufacturer / Supplier : Lascaux Colours & Restauro, Barbara Diethelm AG

Street : Zürichstrasse 42

Postal code/city : CH-8306 Brüttisellen

Telephone : +41 44 807 41 41

Telefax : +41 44 807 41 40

Information contact : info@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 : info@lascaux.de

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

EUH210 Safety data sheet available on request.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

EPSILON-CAPROLACTAM ; EC No. : 203-313-2; CAS No. : 105-60-2

Weight fraction : $\geq 1 - < 5 \%$

Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 STOT SE 3 ; H335

Additional information

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

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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

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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 (D) : 13

Storage class (TRGS 510) (D) : 13

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

EPSILON-CAPROLACTAM ; CAS No. : 105-60-2

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

Limit value : 5 mg/m³

Remark : e SSC

Version : 01.01.2013

Limit value type (country of origin) : TRGS 900 (D)

Parameter : E: inhalable fraction

Limit value : 5 mg/m³

Peak limitation : 2(I)

Remark : Y

Version : 04.11.2017

Limit value type (country of origin) : STEL (EC)

Limit value : 40 mg/m³

Version : 08.06.2000

Limit value type (country of origin) : TWA (EC)

Limit value : 10 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

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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 : Powder.

Colour : White.

Odour

Odourless.

Safety relevant basis data

Melting point/melting range :		100 - 110 °C
Initial boiling point and boiling range :	(1013 hPa)	not applicable
Flash point :		not applicable
Ignition temperature :	>	350 °C
Vapour pressure :	(50 °C)	not applicable
Density :	(20 °C) approx.	1,1 g/cm ³
Water solubility :	(20 °C)	insoluble
pH :		not applicable
Viscosity :	(20 °C)	not applicable

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

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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

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

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

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. "No health labeling required"

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

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

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Water hazard class (WGK)

Class (D) : nwg (Non-hazardous to water) 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) No 1272/2008 [CLP]

No information available.

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

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

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.