

## SAFETY DATA SHEET

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Die in diesem Produktdatenblatt genannten Spezifikationen dienen nur zur Produktbeschreibung und beziehen sich auf den Zeitpunkt unmittelbar nach der Produktion bzw. Import des Produktes. Sie entsprechen den Angaben des Herstellers. Eine rechtsverbindliche Zusicherung bestimmter Eigenschaften oder der Eignung für einen bestimmten Einsatzzweck kann hieraus nicht abgeleitet werden. Durch unsachgemäßen Transport und / oder unsachgemäße Lagerung können sich Änderungen ergeben. Die Angaben in diesem Produktdatenblatt entbinden den Verarbeiter nicht von eigener Prüfung der Eigenschaften des Produktes und dessen Eignung für die vorgesehene Verwendung.

# Material Safety Data Sheet

according to Regulation (EC) 1907/2006



**Product name :** Polyamide Textile Welding Powder 5350  
(4040)  
**Revision :** 15.12.2011      **Version :** 2.0.0  
**Print date :** 25.10.2012

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## 01. Identification of the substance/preparation and of the company/undertaking

### Product name

Polyamide Textile Welding Powder 5350 (4040)

### 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 44 807 41 41 / +41 44 807 41 40

### Contact

techsupport@lascaux.ch

### Emergency information

+41 44 251 51 51 (Tox Center) \_\_\_\_\_ + +1 800 468 6942 (for U.S.A.)

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## 02. Hazards identification

### Hazard designation

Not a hazardous substance or preparation according to EC-Directives 99/45/EC.

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## 03. Composition/information on ingredients

### Chemical characterization

Thermoplastic copolyamide.

### Hazardous components

No hazardous components according to EC-Directives.

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## 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.

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## 05. Fire-fighting measures

### Suitable extinguishing media

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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.

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## **06. Accidental release measures**

### **Personal precautions**

Refer to protective measures listed in sections 7 and 8.

### **Environmental precautions**

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.

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## **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.

### **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) :** 13

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## **08. Exposure controls/personal protection**

### **Personal protective equipment**

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

6 mg/m<sup>3</sup> (general dust limit) for powder with at least 50% ratio < 63 µm.

### **Work hygiene**

Do not breath in dust. Do not breath in vapour of hot product.

### **Respiratory protection**

Necessary by occurrence of dust.

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## 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 :** Powder.  
**Colour :** White.  
**Odour :** Odourless.

### Relevant safety data

<b>Melting point / range :</b>		90 – 100 °C	(Kofler)
<b>Boiling point / range :</b>	( 1013 hPa )	not applicable	
<b>Flash point :</b>		not applicable	
<b>Ignition temperature :</b>	>	350 °C	
<b>Lower explosion limit :</b>		1 g/m <sup>3</sup>	
<b>Vapour pressure :</b>	( 50 °C )	not applicable	
<b>Density :</b>	( 20 °C )	ca. 1.1 g/cm <sup>3</sup>	
<b>Solubility in water :</b>	( 20 °C )	insoluble	
<b>pH value :</b>		not applicable	
<b>Viscosity :</b>	( 20 °C )	not applicable	

## 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.

## 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

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## Land transport ADR/RID

### Classification

Class : Not regulated

## Maritime transport IMDG/GGVSea

### Classification

IMDG-Code : Not regulated

## Air transport ICAO-TI and IATA-DGR

### Classification

Class : Not regulated

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## 15. Regulatory information

### National regulatory information

#### Water pollution classification

Class : - according VwVwS

### International regulatory information

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

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## 16. Other information

### Further 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.

### Relevant changes

08. References to the thresholds

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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.

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