

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

**Labshop**

Chemicals, Restoration and Art Supplies

**58250 Kaolin, yellowish**

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Revised edition: 31.03.2015

Version: 3

Printed: 06.06.2016

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## 1. Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1. Product Identifier

*Product Name:* Kaolin, yellowish

*Article No.:* 58250

### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

*Functional filler in construction chemistry (paints, plastic and rubber, adhesives), chemical industry, ceramic industry, agriculture products.*

*Uses advised against:*

### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

**Company:** Interlabshop B.V.  
**Address:** Lage Brink 23, 7317 BD Apeldoorn, The Netherlands  
**Tel./Fax.:** +3155-5215016  
**Internet:** www.Labshop.nl  
**E-Mail:** labshop@labshop.nl

**Importer:** -  
**Emergency No.** -  
**Emergency No.:** -

### 1.4.

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## 2. Hazards Identification

### 2.1. Classification of the Substance or Mixture

*Classification according to EC Regulation 1272/2008*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Classification according to EC Regulation No. 67/548 or No. 1999/45*

*The material is not subject to classification according to EC lists.*

*Safety Phrases:*

*Possible Environmental Effects:*

### 2.2. Label Elements

*Classification according to EC Regulation 1272/2008*

*No classification required according to the CLP/GHS guidelines.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

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## 2.3. Other Hazards

*Handling of this product (crushing, transportation) can cause airborne dust which may contain quartz. Frequent or repeated inhalation of airborne quartz dust can cause silicosis. The symptoms of silicosis are coughing and breathlessness.*

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## 3. Composition/Information on Ingredients

### 3.1. Substance

### 3.2. Mixture

*Chemical Characterization: Kaolin. CAS No. 1332-58-7, EINECS 310-194-1*

*Hazardous Ingredients:*

*Additional information:*

*Exempted from the mandatory REACH Registration (Annex V No. 7)  
This product contains less than 1 % of quartz.*

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## 4. First Aid Measures

### 4.1. Description of the First Aid Measures

*General information:*

*No special measures required.*

*After inhalation:*

*Supply fresh air. Consult physician if symptoms persist.*

*After skin contact:*

*Wash off with water.*

*After eye contact:*

*Rinse open eyes with plenty of water. In case of discomfort seek medical help.*

*After ingestion:*

*No special measures required.*

### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*None known.*

*Effects:*

### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

*No special first-aid measures necessary.*

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## 5. Fire-Fighting Measures

### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Use extinguishing media for surrounding fire.*

*Unsuitable extinguishing media:*

### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

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*No special hazards.  
Product is not flammable.*

**5.3. Advice for Firefighters**

*Protective equipment:*

*No special measures required.*

*Further information:*

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**6. Accidental Release Measures**

**6.1. Personal Precautions, Protective Equipment and Emergency Procedures**

*Personal precautions:*

*Wear protective clothing.*

**6.2. Environmental Precautions**

*Environmental precautions:*

*No special measures required.*

**6.3. Methods and Material for Containment and Cleaning Up**

*Methods and material:*

*Take up mechanically.  
Avoid dust formation.*

**6.4. Reference to other Sections**

*Protective clothing, see Section 8.  
See Section 13 for information on disposal.*

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**7. Handling and Storage**

**7.1. Precautions for Safe Handling**

*Instructions on safe handling:*

*Avoid formation of dust.*

*Hygienic measures:*

*No further measures, see Section 8.*

**7.2. Conditions for Safe Storage, including any Incompatibilities**

*Storage conditions:*

*Store in a cool and dry place.  
Protect from frost.*

*Requirements for storage areas and containers:*

*Keep container tightly closed.*

*Information on fire and explosion protection:*

*No special measures necessary.*

*Storage class (VCI):*

*Further Information:*

**7.3. Specific End Use(s)**

*Further information:*

*No further information available.*

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## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

TRGS 900

TLV: 3 mg/m<sup>3</sup> air-borne fraction (general dust limit)

TLV: 10 mg/m<sup>3</sup> inhalable fraction (general dust limit)

*Parameters to be controlled:*

Switzerland (CH): TLV: 3 mg/m<sup>3</sup> air-borne fraction (general dust limit); 10 mg/m<sup>3</sup> inhalable fraction (general dust limit)

Austria (A): TLV: 2.5 mg/m<sup>3</sup> air-borne fraction (general dust limit); 10 mg/m<sup>3</sup> inhalable fraction (general dust limit)

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

Provide adequate ventilation/exhaust system.

*Personal Protection*

*General protective measures:*

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

*Respiratory protection:*

Dust mask recommended when very dusty (with particle filter FFP2).

*Hand protection:*

Preventive skin protection is recommended. Wash hands after working with substance.

*Protective glove material:*

*Eye protection:*

Recommended (EN 166).

*Body protection:*

Not required.

*Environmental precautions:*

Avoid wind-blown dispersal.

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## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form:* powder

*Color:* white - yellowish/white

*Odor:* odorless

*Odor threshold:*

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	<i>No information available.</i>
<i>pH-Value:</i>	6.5 (100 g/l H <sub>2</sub> O)
<i>Melting temperature:</i>	> 1700°C
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>non-combustible</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not applicable</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	2.6 g/cm <sup>3</sup>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>no information available</i>
<i>Auto-ignition temperature:</i>	<i>not determined</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	<i>not applicable</i>
<i>Oxidizing properties:</i>	<i>none</i>
<i>Bulk density:</i>	260 - 360 kg/m <sup>3</sup>

## 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic*

*Burning class:*

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*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

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## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable if used according to specifications.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*Unknown.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*No information available.*

*Thermal decomposition:*

### 10.5. Incompatible Materials

*None known.*

### 10.6. Hazardous Decomposition Products

*None known.*

### 10.7. Further Information

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## 11. Toxicological Information

### 11.1. Information on Toxicological Effects

*No toxicity expected.*

*Acute Toxicity*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*No irritant effect known.*

*Irritant effect on eyes:*

*No irritant effect known.*

*Inhalation:*

*No irritant effect known.*

*Ingestion:*

*No irritant effect known.*

*Sensitization:*

*No information available.*

*Mutagenicity:*

*No data available.*

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*Reproductive toxicity:*

No data available.

*Cancerogenity:*

No data available.

*Teratogenicity:*

No information available.

*Specific target organ toxicity (STOT):*

No data available.

*Additional toxicological information:*

*A multi-sectoral social dialogue agreement on Workers Health Protection through the Good Handling and Use of Crystalline Silica and Products Containing it was signed on 25 April 2006. This autonomous agreement, which receives the European Commission's financial support, is based on a Good Practices Guide. The requirements of the Agreement came into force on 25 October 2006. The Agreement was published in the Official Journal of the European Union (2006/C 279/02).*

*The text of the Agreement and its annexes, including the Good Practices Guide, are available from [www.nepsi.eu](http://www.nepsi.eu) and provide useful information and guidance for the handling of products containing respirable crystalline silica. Literature references are available on request from EUROSIL, the European Association of Industrial Silica Producers.*

*Frequent or repeated inhalation of airborne quartz powder (crystalline silicate) can cause silicosis.*

*The IARC (International Agency for Research on Cancer) notes that crystalline SiO<sub>2</sub> which is inhaled at the working place can cause pulmonary cancer.*

*In June 2003 the SCOEL (EU Scientific Committee on Occupational Exposure Limits) came to the conclusion that silicosis is the major effect of inhaling respirable crystalline silicon dioxide.*

*It can therefore be concluded that the risk of cancer can be reduced by avoiding silicosis (SCOEL SUM Doc 1994-final, June 2003).*

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

No toxicity expected.

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

### 12.2. Persistency and Degradability

Not biodegradable.

### 12.3. Bioaccumulation

Not relevant.

### 12.4. Mobility

Product is not water soluble.

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## 12. 5. Results of PBT- und vPvP Assessment

*Not applicable.*

## 12. 6. Other Adverse Effects

*Water hazard class:*

*Not hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*No special effects or hazards known.*

*AOX Value:*

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## 13. Disposal Considerations

### 13. 1. Waste Treatment Methods

*Product:*

*Recover or recycle if possible.*

*Dispose of according to official national and local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Uncontaminated packaging may be recycled.*

*Waste Code No.:*

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## 14. Transport Information

### 14. 1. UN Number

*ADR, IMDG, IATA*

### 14. 2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR (land transportation).*

*IMDG/IATA:*

### 14. 3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel no.:*

*IMDG Class (sea):*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*Hazard no.:*

### 14. 4. Packaging Group

*ADR/RID:*

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*not applicable*

*IMDG:*

*IATA:*

14. 5. Environmental Hazards

*None*

14. 6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

*not applicable*

14. 8. Further Information

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## 15. Regulatory Information

15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*0, not hazardous*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

*Technical instructions on air quality:*

15. 2. Chemical Safety Assessment

*Exempted from the mandatory REACH Registration (Annex V No. 7)*

15. 3. Further Information

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## 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*