

Material Safety Data Sheet

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



1056045 Lapis Lazuli from Chile, 38 - 45 µ

Page 1

Revised edition: 25.09.2015

Version: 1

Printed: 29.09.2015

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

1.1. Product Identifier

Product Name: Lapis Lazuli from Chile, 38 - 45 µ
38 - 45 µm

Article No.: 1056045

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

Identified uses:
Pigment in artists colors.

Uses advised against:

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

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.de

E-Mail: info@kremer-pigmente.de

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

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*

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

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

next page: 2

Material Safety Data Sheet

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



1056045 Lapis Lazuli from Chile, 38 - 45 µ

Page 2

Revised edition: 25.09.2015

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2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization:

*Natural Lapis Lazuli: sodium-aluminium-silicate, (Na,Ca)₈ (AlSiO₄)₆ (S,SO₄,Cl). Ultramarine Blue Pigment 29, C.I. 77007
CAS No. 57455-35-5*

Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Supply fresh air. Consult physician if symptoms persist.

After skin contact:

Wash off with plenty of water and soap. Consult a physician if irritation persists.

After eye contact:

*Rinse open eyes with plenty of water for at least 15 minutes.
Consult physician.*

After ingestion:

*After swallowing larger amount of product seek medical aid.
Drink plenty of water. Do not induce vomiting.*

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

Symptoms:

No further information available.

Effects:

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

Treatment:

No special first-aid measures necessary.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

*Use extinguishing media for surrounding fire.
Product itself does not burn.*

Unsuitable extinguishing media:

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

No special hazards.

next page: 3

Material Safety Data Sheet

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



1056045 Lapis Lazuli from Chile, 38 - 45 µ

Page 3

Revised edition: 25.09.2015

Version: 1

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5.3. Advice for Firefighters

Protective equipment:

Wear suitable protective clothing.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid formation of dust.

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.

6.4. Reference to other Sections

See Section 13 for information on disposal.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation and deposition of dust. Provide adequate ventilation.

Hygienic measures:

Do not eat or drink during work. Do not smoke.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in a cool and dry place.

Requirements for storage areas and containers:

Keep container tightly closed.

Information on fire and explosion protection:

Do not store together with: acids.

Storage class (VCI):

Further Information:

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

none known

next page: 4

Material Safety Data Sheet

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



1056045 Lapis Lazuli from Chile, 38 - 45 µ

Page 4

Revised edition: 25.09.2015

Version: 1

Printed: 29.09.2015

Parameters to be controlled (EC):

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.

Personal Protection

General protective measures:

*Do not inhale dust. Do not eat, drink or smoke while working.
Wash hands before breaks and at the end of work.*

Respiratory protection:

In case of formation of dust.

Hand protection:

Protective gloves

Protective glove material:

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers.

Eye protection:

Not required.

Body protection:

Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: powder

Color: blue

Odor: odorless

Odor threshold:
No information available.

pH-Value:
not available

Melting temperature:
not known

Boiling temperature:
not applicable

Flash point:
not applicable

next page: 5

Material Safety Data Sheet

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



1056045 Lapis Lazuli from Chile, 38 - 45 µ

Page 5

Revised edition: 25.09.2015

Version: 1

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Evaporation rate:

not applicable

Flammability (solid, gas):

not applicable

Upper explosion limit:

no information available

Lower explosion limit:

no information available

Vapor pressure:

not applicable

Vapor density:

This product is a non-volatile solid.

Density:

2.4 g/cm³

Solubility in water:

insoluble

Coefficient of variation (n-Octanol/Water):

not determined

Auto-ignition temperature:

not applicable

Decomposition temperature:

approx. 350°C

Viscosity, dynamic:

not applicable

Explosive properties:

not available

Oxidizing properties:

no information available

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

No further information.

10. Stability and Reactivity

10.1. Reactivity

next page: 6

Material Safety Data Sheet

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



1056045 Lapis Lazuli from Chile, 38 - 45 µ

Page 6

Revised edition: 25.09.2015

Version: 1

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Stable if used according to specifications.

10.2. Chemical Stability

Is not stable at a pH below 5.0.

10.3. Possibility of Hazardous Reactions

Unknown.

10.4. Conditions to Avoid

Conditions to avoid:

No information available.

Thermal decomposition:

10.5. Incompatible Materials

Acids

10.6. Hazardous Decomposition Products

Formation of hydrogen sulfide after contact with acids.

10.7. Further Information

Product does not polymerize.

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral:

10 g/kg

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

No information available

Irritant effect on eyes:

No information available.

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

Mutagenicity:

No mutagenic effects known.

Reproductive toxicity:

No negative effects known.

Carcinogenicity:

No data available.

next page: 7

Material Safety Data Sheet

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



1056045 Lapis Lazuli from Chile, 38 - 45 µ

Page 7

Revised edition: 25.09.2015

Version: 1

Printed: 29.09.2015

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No data available.

Additional toxicological information:

No information available.

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

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:

The product is not soluble in water. No negative effects expected.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of product residues according to the waste disposal guidelines 2008/98/EC as well as according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Packaging may be disposed of in the same manner as the product.

Waste Code No.:

14. Transport Information

next page: 8

Material Safety Data Sheet

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



1056045 Lapis Lazuli from Chile, 38 - 45 µ

Page 8

Revised edition: 25.09.2015

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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:

No hazardous goods according to IMDG.

14. 3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel no.:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14. 4. Packaging Group

ADR/RID:

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

15. Regulatory Information

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

Water hazard class:

0, not hazardous (self-assessment)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

next page: 9

Material Safety Data Sheet

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



1056045 Lapis Lazuli from Chile, 38 - 45 μ

Page 9

Revised edition: 25.09.2015

Version: 1

Printed: 29.09.2015

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

15. 3. Further Information

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.