

# Material Safety Data Sheet

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



## 36002 Indigo, genuine, pieces

Page 1

Revised edition: 26.02.2015

Version: 1

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

#### 1.1. Product Identifier

*Product Name:* Indigo, genuine, pieces

*Article No.:* 36002

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

*Identified uses:*  
Coloring agent

*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:*

*See Section 12.*

#### 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:*

**Other Hazards**

next page: 2

# Material Safety Data Sheet

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



## 36002 Indigo, genuine, pieces

Page 2

Revised edition: 26.02.2015

Version: 1

Printed: 26.02.2015

---

2.3.

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### 3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

*Chemical Characterization:* Natural organic product.

*Hazardous Ingredients:*

*Additional information:*

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### 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.*

*After skin contact:*

*Wash with soap and rinse with plenty of water.*

*After eye contact:*

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

*After ingestion:*

*After swallowing larger amount of product seek medical aid.*

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:*

*Treat symptomatically.*

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### 5. Fire-Fighting Measures

5.1. Extinguishing Media

*Suitable extinguishing media:*

*Use extinguishing media for surrounding fire.*

*Unsuitable extinguishing media:*

*None known.*

5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*No special hazards.*

5.3. Advice for Firefighters

*Protective equipment:*

*No special measures required.*

next page: 3

# Material Safety Data Sheet

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



## 36002 Indigo, genuine, pieces

Page 3

Revised edition: 26.02.2015

Version: 1

Printed: 26.02.2015

---

### *Further information:*

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#### **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:*

*Clean up mechanically. Avoid dust formation.*

##### **6.4. Reference to other Sections**

*For information for safe handling see Section 7.*

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#### **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:*

*No further measures, see Section 8.*

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

*Storage conditions:*

*Store in a cool and dry place.*

*Requirements for storage areas and containers:*

*Information on fire and explosion protection:*

*No special measures necessary.*

*Storage class (VCI):*

*11; Combustible solids*

*Further Information:*

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

*Further information:*

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#### **8. Exposure Controls/Personal Protection**

##### **8.1. Parameters to be Controlled**

*Parameters to be controlled (DE):*

*TWA-Value: 4 mg/m<sup>3</sup> (fine dust)*

*Parameters to be controlled (EC):*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration*

next page: 4

# Material Safety Data Sheet

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



## 36002 Indigo, genuine, pieces

Page 4

Revised edition: 26.02.2015

Version: 1

Printed: 26.02.2015

---

*(PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*No further measures, see Section 7.*

*Personal Protection*

*General protective measures:*

*The usual precautionary measures are to be adhered to when handling chemicals.*

*Respiratory protection:*

*In case of formation of dust.*

*Hand protection:*

*Not required*

*Protective glove material:*

*Eye protection:*

*Tightly fitting safety goggles (EN 166).*

*Body protection:*

*Environmental precautions:*

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## 9. Physical and Chemical Properties

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

*Form:* *solid*

*Color:* *blue*

*Odor:* *odorless*

*Odor threshold:*

*No information available.*

*pH-Value:*

*not determined*

*Melting temperature:*

*not determined*

*Boiling temperature:*

*not applicable*

*Flash point:*

*not available*

*Evaporation rate:*

*not applicable*

*Flammability (solid, gas):*

*not available*

*Upper explosion limit:*

*no information available*

next page: 5

# Material Safety Data Sheet

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



## 36002 Indigo, genuine, pieces

Page 5

Revised edition: 26.02.2015

Version: 1

Printed: 26.02.2015

---

*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not applicable*

*Vapor density:*

*No information available.*

*Density:*

*not determined*

*Solubility in water:*

*insoluble*

*Coefficient of variation (n-Octanol/Water):*

*not determined*

*Auto-ignition temperature:*

*No information available.*

*Decomposition temperature:*

*not applicable*

*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.*

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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

*No information available.*

next page: 6

# Material Safety Data Sheet

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



## 36002 Indigo, genuine, pieces

Page 6

Revised edition: 26.02.2015

Version: 1

Printed: 26.02.2015

---

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid heat, open fire and other ignition sources.*

*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 information available*

*Irritant effect on eyes:*

*No information available.*

*Inhalation:*

*No information available.*

*Ingestion:*

*Sensitization:*

*No information available.*

*Mutagenicity:*

*No data available.*

*Reproductive toxicity:*

*No data available.*

*Cancerogenity:*

*No data available.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*No data available.*

*Additional toxicological information:*

*No toxicological data available.*

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## 12. Ecological Information

next page: 7

# Material Safety Data Sheet

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



## 36002 Indigo, genuine, pieces

Page 7

Revised edition: 26.02.2015

Version: 1

Printed: 26.02.2015

---

### 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

*No data available.*

### 12. 6. Other Adverse Effects

*Water hazard class:*

*Not hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*Natural product. Environmentally not hazardous.*

*AOX Value:*

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## 13. Disposal Considerations

### 13. 1. Waste Treatment Methods

*Product:*

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

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Uncontaminated packaging may be recycled. Completely empty packaging can be disposed of with the regular waste.*

*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:*

*No hazardous goods according to IMDG.*

### 14. 3. Transport Hazard Classes

next page: 8

# Material Safety Data Sheet

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



## 36002 Indigo, genuine, pieces

Page 8

Revised edition: 26.02.2015

Version: 1

Printed: 26.02.2015

---

*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

*Not classified as environmentally hazardous.*

### 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

### 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

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

### 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*

*next page: 9*



# Material Safety Data Sheet

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



**36002 Indigo, genuine, pieces**

Page 9

Revised edition: 26.02.2015

Version: 1

Printed: 26.02.2015

---

*therefore not be construed as guaranteeing specific properties.*