

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

### *Product Identifier*

Product Name: Shellac Ink White  
Article No.: 180390  
Use of the Substance/Preparation: Artists' and Restoration Material

### *Details of the Supplier of the Safety Data Sheet*

Company: Kremer Pigmente GmbH & Co. KG  
Address: Hauptstrasse 41-47, D 88317 Aichstetten  
Tel/Fax: Tel +49 7565 91120, Fax +49 7565 1606  
Internet: www.kremer-pigmente.de, kremer-pigmente@t-online.de  
Emergency No.: +49 7565 91120, Mon-Fri 8:00 - 17:00

## 2. Hazard Identification

### *Classification according to EC Regulation No.1272/2008*

GHS Classification 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*

Hazard designation: The material is not subject to classification according to EC lists.

## 3. Composition/Information on Ingredients

Chemical Characterization: Pigment Preparation. Contains a titanium dioxide preparation and shellac ink.

## 4. First Aid Measures

### *Description of the First Aid Measures*

After inhalation: No special measures required.  
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: Rinse mouth with water and drink plenty of water.  
Induce vomiting as long as affected person is conscious.

## 5. Fire-Fighting Measures

### *Extinguishing Media*

Suitable extinguishing media: Water mist, extinguishing powder, foam, carbon dioxide.

### *Special Hazards arising from the Substance or Mixture*

Special hazards: No special hazards.

### *Advice for Firefighters*

Protective equipment: No special measures required.

## 6. Accidental Release Measures

### *Personal Precautions, Protective Equipment and Emergency Procedures*

Personal precautions: No special measures required.

Environmental precautions: No special measures required.  
Methods and material for containment and cleaning up: Contain with absorbent material (sand, diatomaceous earth, universal absorbent, Oil Dri) and dispose accordingly.

## 7. Handling and Storage

### *Precautions for Safe Handling*

Instructions on safe handling: No special measures necessary if properly handled.

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

Storage conditions: Do not store above 50°C.

Storage class (VCI): 12; Non-combustible liquids.

## 8. Exposure Controls/Personal Protection

### *Personal Protective Equipment*

General protective measures: Avoid contact with eyes and skin.  
Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.  
Remove contaminated clothing immediately.

Respiratory protection: None required under normal operating conditions.

Hand protection: In general not required.

Eye protection: Not required.

Body protection: Protective clothing.

## 9. Physical and Chemical Properties

### *Information on Basic Physical and Chemical Properties*

Form: liquid  
Color: white  
Odor: characteristic  
Boiling temperature: > 100°C  
Solubility in water: soluble

## 10. Stability and Reactivity

Reactivity: No decomposition if used according to specifications.  
Chemical stability: No decomposition if used according to specifications.

## 11. Toxicological Information

### *Acute Toxicity*

LD50, oral: > 5000 mg/kg (rat)

### *Primary effects*

Irritant effect on skin: Non irritating (rabbit)  
Irritant effect on eyes: Non-irritating to eyes (rabbit)

Further toxicological effects: By analogy with a product of similar composition.

## 12. Ecological Information

Persistency and Degradability: 25-50 % (derived from the components)

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|--------------------------------|--|
| Persistency and Degradability: | COD Value: 734 mg/g  |
| - Fish toxicity:               | LC50: > 100 mg/l (96h, Leuciscus idus)   |
| Behaviour in sewage system:    | Pseudomonas fluorescens: No inhibition at 50 mg/l. Method: According to G.Bringmann (1973).  |
| Further ecological effects:    | This product contains about 39% titanium.<br>Product does not contain nitrogen, phosphates or phosphor-organic compounds.<br>Result based on a product with similar composition. |
| AOX Value:                     | Does not influence the AOK value of discard water (DIN 38409).   |
| <i>Further information</i>     |  |
| Water hazard class:            | 1  |

### 13. Disposal Considerations

#### *Waste Treatment Methods*

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| Product:                   | In accordance with current regulations, product may be taken to an incineration plant. |
| European Waste Code (EWC): | 55514 - Coloring matter (pigment and dyes), organic                                    |
| Uncleaned packaging:       | Uncontaminated packaging may be disposed of in the same manner as the product.         |

### 14. Transport Information

#### *Further information:*

|                      |   |
|----------------------|---|
| Further Information: | Not classified as a dangerous good under transport regulations. |
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### 15. Regulatory Information

#### *Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture*

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|---------------------|---|
| Water hazard class: | 1, slightly hazardous for water (self-assessment) |
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#### *Chemical Safety Assessment*

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| Chemical safety assessment: | No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product. |
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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.