

## 63020 Hide Glue

Edition: 26.07.2006

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Information:

Product Name: Hide Glue, in cubes  
Article No.: 63020  
Application: Artists' and Restoration Material

Company: Kremer Pigmente GmbH & Co. KG  
Hauptstrasse 41-47, D - 88317 Aichstetten  
Tel. +49 7565 914480 Fax. +49 7565 1606  
www.kremer-pigmente.de, kremer-pigmente@t-online.de

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Raw Material: cow hide.

Amber colored powder with a typical characteristic odor. The main components are water and glutin, a scleroprotein.

Hazardous components: none

### 3. HAZARDS IDENTIFICATION

Not harmful.

### 4. FIRST AID MEASURES

After inhalation: No special measures required.  
After skin contact: Wash with warm water.  
After eye contact: Rinse with warm water. Consult physician.  
After ingestion: Slight health impairments can occur after swallowing larger amounts of material. Contact physician!

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Product is not combustible. Use suitable extinguishing media for surrounding fire.  
Special measures: None required.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: No special measures required. Product is not dangerous.  
Environmental precautions: No special measures required. Product is not dangerous.  
Methods of cleaning/absorption: Take-up mechanically (dry).

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Additional information: Product swells in cold water and is soluble in warm (>35°C) water and is biodegradable.

### 7. HANDLING AND STORAGE

*Handling:*

Instructions on safe handling: No special measures necessary.

*Storage:*

Storage conditions: Store dry and cool.

Advice on storage

compatibility: No special measures required.

Storage class: 10 - 13

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits: No exposure limits have been established.

Personal protection: Not required.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: grains  
Color: amber  
Odor: slight characteristic odor

Changes in physical state: Carbonizes above 200°C.  
Flash point: not applicable  
Flammability: not applicable  
Ignition temperature: > 200°C  
Explosion limits: not applicable  
Vapor pressure: not measured  
Density: 0.5 – 0.8 g/m<sup>3</sup>  
Solubility in water: miscible at 35°C (not soluble in organic solvents and fats)  
pH-value: 5.5 – 7.5 (at 60°C, 12.5 % solution)  
Gelatinous strength: 230 - 270 Bloom  
Viscosity: 8.1 – 9.1 mPa  
Solvent content: 0 %

### 10. STABILITY AND REACTIVITY

Thermal decomposition: At temperatures above 65°C over a longer period of time causes thermal decomposition of the gluten molecule without any hazardous reactions.

Further information: Product carbonizes when heated (200-300°C) without burning.

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**11. TOXICOLOGICAL INFORMATION**

The product is not toxic.

**12. ECOLOGICAL INFORMATION**

Hide glue is an albumen of animal connective tissue and therefore biologically degradable.

Water class: 1, slightly hazardous

**13. DISPOSAL CONSIDERATIONS**

Product: Product may be taken to waste disposal site, is biodegradable and compostable.

**14. TRANSPORT INFORMATION**

No restrictions.

**15. REGULATORY INFORMATION**

Designation according to EC guidelines: The material is not subject to classification according to EC lists.

**16. FURTHER 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 therefore not be construed as guaranteeing specific properties.