

63000 Bone Glue, grains

Updated Edition: 20.06.2012

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

Product Information:

Product Name: Bone Glue, grains
Article No.: 63000
Application: Artists' and Restoration Material

Company: Kremer Pigmente GmbH & Co. KG
Hauptstrasse 41-47, D - 88317 Aichstetten
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Partially hydrolized collagen (animal connective tissue protein).

Chemical description

Bone glue:	Glutin protein	max. 83.0 %
	Fat	max. 2.5 %
	Ashes	max. 2.5 %
	Water content	max. 17.0 %

3. HAZARDS IDENTIFICATION

Not harmful.

4. FIRST AID MEASURES

General information: Not meant for consumption.
After inhalation: Not relevant.
After skin contact: Not relevant.
After eye contact: Not relevant.
After ingestion: Not relevant.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: All applicable.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: -
Methods of cleaning/adsorption: Take-up mechanically (dry).

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7. HANDLING AND STORAGE

Handling:

Instructions on safe handling: No special measures necessary.

Storage:

Storage conditions: Store dry.

Advice on storage compatibility: Keep away from tanning substances (aldehydes), which can impair the swelling ability and solubility.

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: yellowish
Odor: characteristic

Changes in physical state:

Dry form: not thermoplastic
Gel/sol:
- Melting point/range: 30 - 40°C
- Boiling point/range: not applicable
- Explosion limits: not applicable
- Vapour pressure: (20°C) 1200 kg/m³
- pH-value (12.5% solution; 20°C): 5.5 - 7.5
- Viscosity (12.5% solution; 20°C): 40 - 80 mPa·s
- Solvent content: does not contain any solvents

10. STABILITY AND REACTIVITY

Stability: Not known.
Hazardous decomposition products: Not known.

11. TOXICOLOGICAL INFORMATION

The product is not toxic.

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12. ECOLOGICAL INFORMATION

Bone glue is an animal connective tissue protein and therefore biologically degradable.

13. DISPOSAL CONSIDERATIONS

Product: Product may be taken to waste disposal site.

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.