

deffner & Johann

Supplies for RESTORATION | CONSERVATION | ART HANDLING – SINCE 1880

TECHNICAL DATA SHEET

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Die in diesem Produktdatenblatt genannten Spezifikationen dienen nur zur Produktbeschreibung und beziehen sich auf den Zeitpunkt unmittelbar nach der Produktion bzw. Import des Produktes. Sie entsprechen den Angaben des Herstellers. Eine rechtsverbindliche Zusicherung bestimmter Eigenschaften oder der Eignung für einen bestimmten Einsatzzweck kann hieraus nicht abgeleitet werden. Durch unsachgemäßen Transport und / oder unsachgemäße Lagerung können sich Änderungen ergeben. Die Angaben in diesem Produktdatenblatt entbinden den Verarbeiter nicht von eigener Prüfung der Eigenschaften des Produktes und dessen Eignung für die vorgesehene Verwendung.

Zin Shofu

Base

Precipitated wheat starch

Properties

- chemically neutral and reversible
- very good resistance to biological and chemical decomposition
- non-toxic
- constant pH value
- completely transparent when dry
- reversible with water

During manufacture of this high-quality wheat starch, the starch is precipitated out and the gluten removed. The wheat starch paste is therefore particularly fine and the reversibility as well as the resistance to microbial decomposition is increased.

Solubility

Soluble in water

Preparation

Wheat starch paste is prepared in a ratio of 1:4 (1 part powder to 4 parts water). Combine the powder and water in a pot with an automatic stirring device (Seb, Téfal, etc). Boil over high heat for at least 1¼ hours, stirring continuously. Be sure to prepare a sufficient quantity (at least 7 dl, or about 1 ½ pints), as much of the liquid will evaporate when the mixture is boiled. When the time is up, pour the paste into a receptacle that can be hermetically sealed. Close the receptacle and set it aside in a cool dark place - not a refrigerator – for 24 hours. Then sieve the required amount of paste through a fine straining cloth into a container. Using a short broad brush with a nonrusting ferrule, blend the mixture thoroughly to a smooth creamy consistency. This increases the bonding strength. If the paste is too thick, water may be added at this stage. Apply the paste thinly to avoid cockling. Preparations of wheat starch paste will keep for up to 4 days. Avoid the use of fungicides at all costs: Latest research indicates that adhesives containing fungicides darken with age. Consistency and amount required are a matter of experience and depend on the type of object. Best results are obtained by applying the paste as sparingly as possible in a thin dry layer.

Storage

Keep containers closed, when not using the product. Keep in a cool and dry place.

Size

Art. Nr. 2444 010: 100 g

Art. Nr. 2444 100: 1 kg