



Historic Plaster Conservation Services
Applied Science

TRI Funori

Fixative, cleaning agent and light adhesive for paint and paper conservation; non-toxic, filtered and unbleached.



TRI Funori is a natural product extracted from funori (the Japanese word seaweed) which grows along the Pacific coastline of Japan, China & Korea. HPCS imports the seaweed from Japan and extracts the starchy funori. **TRI Funori** is a non-toxic, non-flammable, non-hazardous and non regulated material.

Composition:

Water-based polysaccharide mucilage (similar to carrageenan), made from the seaweed *>gloiopeltis* harvested from natural populations in Japan.

Applications:

TRI Funori is a versatile product with three distinct areas of application in conservation: it is effective as a fixative, as a cleaning agent and as a weak adhesive. It is particularly well suited for cleaning delicate paint surfaces because it dries on matte and does not leave tide lines.

As a fixative for friable powdery painted surfaces **TRI Funori** can be applied as a mist spray with an airbrush or other suitable applicator. Some saturation of the colors may be observed, but the surface after treatment will be significantly more durable. **TRI Funori** dries to a smooth matte finish showing no visible tide lines when applied to paper or friable painted surfaces.

As a cleaning agent, **TRI Funori** is used with washi (Japanese rice paper). The washi is held in place and the **TRI Funori** is brush applied through it onto the soiled surface. After an appropriate dwell time, the washi is removed and discarded. Excess **TRI Funori** can be removed by applying another sheet of washi.

As a weak adhesive **TRI Funori** can be used by itself or made stronger as needed by mixing with up to 4% sturgeon glue. It can be used to adhere wall paper, paint flakes and curled foil and gilding metals. It is reversible with warm water.

Packaging:

TRI Funori is produced as a liquid packaged in a 0.8 US gallon/3 liter "bag in box" format.

Treatment & Storage:

TRI Funori is a natural organic product that needs to be kept refrigerated. The product contains approximately 1% biocide to prevent spoilage. Each box of **TRI Funori** has a "best before" date.

Always conduct a controlled test on an inconspicuous area before full scale application of **TRI Funori** or any other cleaning or fixative product.