

K1368 Condition Report

Conservation Started: 20/03/2013

Conservation Finished: 21/03/2013

Conservator: Cymbeline Storey

Time Taken: 1.5 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 17mm (W) 10mm (D) 3mm

Weight before: 1.43g

Weight after: 1.43g

X-ray: L48

Catalogue number: 229

Digital photography:

Taken with a Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights, 20-200x magnification. Taken before and after.

Annotation on any of the storage bags or boxes: None

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification

Small, curved (U-shaped) section of ridged silver gilt wire.

Associated Objects: TBC

Pre-Conservation Condition: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification

The object is a fragment. Both break edges look old and have some soil coverage. Some of the high points of the ridges have been worn down/flattened. There is moderate tarnish and patchy silver chloride corrosion on the surface. A small amount of soil is present between ridges.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Partial cleaning

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals, 50:50 water/IMS on metals, cocktail stick, Paraloid B72

The granular soil on the front/back was mechanically removed or reduced where possible using a fine thorn tip secured in a pin vice and a small pure bristle brush. IMS or water was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

Corrosion products were left in situ; corrosion was not active and can be further cleaned or stabilised at a later date.

The paper K number was adhered to the back with HMG brand Paraloid B72 (ethyl methacrylate copolymer) from the tube, applied with a cocktail stick.

A storage box padded with white polyethylene foam was made for housing the object. A strip of Tyvek (spun bound polyethylene fibres) was used as a cushion for the object and to help lift it out of the foam.

Post-Conservation Condition/Findings:

The condition of the object is the same as pre-conservation except that the small amount of soil has been removed. Corrosion products were left in situ and can be removed, if desired, at a later date.

Key Features:

- Fragment of ridged silver gilt wire
- Old break edges
- Silver chloride corrosion

Samples:

None

Now boxed with K246 – Possible pair. Lizzie Miller 12.11.15