

K1254 Condition Report

Conservation Started: 18/7/13

Conservation Finished: 18/7 /13

Conservator: Deborah Magnoler

Time Taken: 2 hr

Including digital photography, report, conservation and packing.

Dimensions: (L) 8mm (W) 9mm (H) 5mm

Weight before: 1 g

Weight after: 0.99g

Catalogue number: 581

Digital photography:

Taken with a Canon EOS digital camera under daylight bulbs and Photomicrographs taken using Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights, 20-200x magnification.

Annotations on box: N/0 sf 343 5/8/09 SSH09 (1001)

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

Fragment of a corner, possibly made of silver, with a silver beaded border. The fragment also features one small perforation and could be part of the inner casing of a sword pyramid. One of the sides is covered by green corrosion products which may indicate the presence of a copper alloy layer, or a silver rich in copper.

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

Covered in soil. See post-conservation report for details.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Total cleaning

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

The granular soil on the front and 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.

Possible 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 object is incomplete and broken on all sides. the silver beaded border is covered by a hard, voluminous encrustation of silver corrosion. The perforation is partly blocked by a metallic object, which may be the remains of a rivet; this may be highly corroded.

Key features:

- **Silver, possibly copper alloy decorated corner piece**
- **One perforation with partial pin/rivet**
- **Possibly part of sword pyramid inner case**

Samples:

None – insufficient soil.