

K1452 a-b Condition Report

Conservation Started: 20-2-2013

Conservation Finished: 20-2-2013

Conservator: Suzanne van Leeuwen

Time Taken: 1 hour, including digital photography, report, conservation and packing.

Dimensions: a) L. 4mm; Diam. head 2mm; Th. 1mm / shank: L. 7.5m; Th. 1mm

b) L. 5/8mm; W. 1mm

Weight before: combined 0.18 grams

Weight after: combined 0.18 grams

X-ray: L45

Catalogue number: 675

(K1452b renumbered to K2005, catalogue number 688)

Digital photography: Taken with a Canon EOS 1100D digital camera, under daylight and with a Keyence VH-Z20R Digital Microscope, under artificial light. Taken before and after.

Annotation on any of the storage bags or boxes:

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Description: *Four silver-alloy fragments with remains of gilding; one fragment with slightly domed rivet head and part of shank; one fragment with remnants of filigree (?) or pattern; one shank fragment without rivet head; one shank fragment (?) with flat underside.* (Description SvL)

After C. Fern renumbering the group was divided and renumbered as follows:

K1452: Remains of two silver nails/rivets: one has a domed head and only part of the upper shank, with faint traces of gilding. The other is a bent shank with a round faceted section.

K2005: two fragments of cast silver edge, with thin rectangular sections, both slightly curved, weighing a total of 0.07g.

Associated Objects:

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Pre-Conservation Condition: Visual and microscopic examination using Meiji BM 47941 stereo microscope 2-10x magnification.

Treatment: Carried out using a Meiji BM 46941 stereo microscope 2-10x magnification.

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. A mixture of 50% IMS and 50% water was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of the IMS/water mixture. A swab of IMS was used to neutralise the surface.

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

The paper K numbers were not attached to the objects; the objects were too small. One or two paper K numbers were therefore placed in some of the vial the objects are placed in.

A storage box padded with white polyethylene foam was made for housing the object.

Purpose: Study

Aim: Total cleaning

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

Post-Conservation Condition/Findings: The fragment with the flat underside has some severe green copper corrosion on underside, some silver chloride corrosion on all of the fragments.

Key Features: Silver-alloy, cast, gilding

Analysis Undertaken: X-ray: L45

Samples:

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References:

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