

K1723 Condition Report

Conservation Started: 18-2-2013

Conservation Finished: 18-2-2013

Conservator: Suzanne van Leeuwen

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

Dimensions: L. 15 mm; (Diam) head 10mm; (Th) head 0.5mm; W. shank 2mm

Weight before: 0.75 grams

Weight after: 0.75 grams

Catalogue number: 675

Digital photography: Taken with a Canon EOS 1100D digital camera, under daylight. Taken before and after.

Annotation on any of the storage bags or boxes:

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Description: *Silver-alloy, flat-headed rivet with remains of gilding.* (Description SvL)

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 number was adhered to the back with a mixture of 30% HMG brand Paraloid B72 (ethyl methacrylate copolymer) and 70% acetone, applied with a cocktail stick.

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

Purpose: Study / Analysis

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, 30:70 Paraloid B72/acetone

Post-Conservation Condition/Findings: The silver has tarnished, only a few remnants of gilding are present, some silver chloride corrosion on shank and head of the rivet. Rivet looks as one piece but the head maybe attached separately (solder?).

Key Features: Silver-alloy, flat-headed rivet, gilding

Analysis Undertaken: X-ray: L47

Samples:

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References:

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