

K1564 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. 13 mm; W. rivet head 4.5 mm; Th. 1-1.5mm

Weight before: 0.42 grams

Weight after: 0.42 grams

Catalogue number: 633

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: *Gold, domed-headed rivet. Looks complete, although a tiny piece may have been broken off at the end of the shank.* (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.

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: Object needed very little cleaning. It looks like the head of the rivet was attached separately; the top end of the shank was beaten flat and a separate rivet head was attached to the shank. Some tarnishing on the shank.

Key Features: Gold, domed-headed rivet

Analysis Undertaken: X-ray: L45

Samples:

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References:

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