K1308: Silver alloy rivet

Condition Report

Conservation Started: 18.2.2013
Conservation Finished: 18.2.2013
Conservator: Julia Leunge
Time Taken: 0.5 hours
Including digital photography, report, conservation and packing.

Dimensions: (L) 5.5 mm (W) 1 mm (Diam. Head) 2mm; (Th. shank) 1 mm
Weight before: 0.09 g
Weight after: 0.09 g
X-ray: L45
Catalogue number: 658

Digital photography:
Taken with a Canon EOS 100D digital camera, under daylight or bulbs and a Keyence VH-Z20R Digital Microscope (with analyses capture software) and fibre optic lights, 7-75x magnification. Taken before, during and after.

Annotation on any of the storage bags or boxes:
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Description: Visual and microscopic examination using Meiji stereo microscope 20x magnification
Silver alloy rivet, complete, with domed head and blunt end.

Associated Objects:

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Pre-Conservation Condition: Visual and microscopic examination using Meiji stereo microscope 20x magnification

Some granular soil is on the object's surface.

Treatment: Carried out using a Meiji stereo microscope
Purpose: Study / Analysis
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.

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:
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Key Features:
Complete, domed head

Analysis Undertaken:

Samples:

References: