

K1330 Condition Report

Conservation Started: 08/02/13

Conservation Finished: 08/02/13

Conservator: Natalie Harding

Time Taken: 1hour 15 minutes

Including digital photography, report, conservation and packing.

Dimensions: (L) 17mm (W) 2mm, Rivet Head: Circumference 8mm, (H) 3mm. (Th. shank) 2mm

Weight before: 0.93grams

Weight after: 0.91grams

Catalogue number: 664

Digital photography:

Taken with a Nikon Coolpix 4500 digital camera, under daylight or bulbs and Meiji Techno RZ Stereo microscope with an Infinity 1 camera (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: 'Rivet'

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification
Silver-alloy rivet with solid domed rivet head. The rivet pin is curved and bent. Some gilding is visible on the head.

Associated Objects: n/a

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

The piece is stable. Light covering of soil all over, with more soil beneath the rivet head, obscuring the underside. Black patina / silver tarnish covers the surfaces.

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 all over the object 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.

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 underside of the rivet head is cross-marked with what appears to be file marks. A possible finishing technique used to complete the rivet. Silver nodular corrosion product sits atop the rivet head in areas, this is firmly attached however the underlying gilding can still be seen. The pin seems as though it may have been soldered onto the rivet head as it is very firmly attached.

Key Features:

- Domeed rivet head.
- Gilding on rivet head.
- Possible file markings on underside of rivet head.

Analysis Undertaken: n/a

Samples: Not enough soil to obtain a sufficient sample.

References: n/a