

K1496 Condition Report

Conservation Started: 22/3/2013

Conservation Finished: 22/3/2013

Conservator: Deborah Magnoler

Time Taken: 1 hour

Including digital photography, report, conservation and packing.

Dimensions: (L) 13.12 mm (W) 7.79 mm (D) 4.21 mm

Weight before: 0.77g

Weight after: 0.74g

Catalogue number: 276

Digital photography:

Taken with a Canon EOS digital camera under daylight bulbs and Photomicrographs taken using Keyence VHX-1000 3D digital microscope with LED and/or fibre optic lights, 20-200x magnification.

Annotation on any of the storage bags or boxes:

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification
Bulla or domed rivet cap within a round beaded wire setting. The bulla is attached to a plain scrap of sheet gold indicating it might originally have been part of a hilt plate. The bulla has a central hole perforating also the backing plate.

Associated Objects:

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

The bulla and setting are compressed and flattened on one side. The base here is folded back and the beading has suffered deep abrasion. The base itself is torn and distorted, but the object appears structurally stable.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study

Aim: Total cleaning

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

The granular soil on the outside & inside was mechanically removed or reduced where possible using a fine thorn tip secured in a pin vice and a small pure bristle brush. IMS 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.

Key Features:

- Dome shaped rivet cap
- Attached to plate
- Beaded wire setting