

K1691: Gold nail 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) 7 mm (Diam) head 2 mm (Th) shank 1mm

Weight before: 0.09 g

Weight after: 0.09 g

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.

X-ray: L45

Annotation on any of the storage bags or boxes:

-

Description: Visual and microscopic examination using Meiji stereo microscope 20x magnification
Gold nail, forged, with domed head and pointy end.

Associated Objects:

-

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

The object has some granular soil attached to its surface. Some black silver sulphides are present.

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 not adhered due to tininess of the object. It was placed in the plastic tube with the object instead.

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:

Key Features:

Domed head, pointy end.

Analysis Undertaken:

-

Samples:

-

References:

-