

K1647: 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 2mm (Th) shank 1mm

Weight before: 0.07 g

Weight after: 0.07 g

Catalogue number: 658

Digital photography:

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

X-ray: L45

Annotation on any of the storage bags or boxes:

Pin

Description: Visual and microscopic examination using Meiji stereo microscope 20x magnification

Gold forged nail with domed head. The head has been deformed. The tip of the nail has broken off

Associated Objects:

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

Some soil is adhering to 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 not adhered due to tininess of the object. The number was put in the plastic tube with the object.

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:

Domed head, broken tip

Analysis Undertaken:

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Samples:

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References:

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