K 1038 Condition Report

Conservation Started: 30/5/13
Conservation Finished: 31/5/13
Conservator: Deborah Magnoler
Time Taken: 1 hr
Including digital photography, report, conservation and packing.

Dimensions: (L) 15mm (W) 11mm (Th.) <0.5mm
Weight before: 0.51g
Weight after: 0.50g
X-ray: L94

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.

Information the box: SSH09 BA 1971 1001 6/8/09 sf 373

Description: Visual and microscopic examination using Meiji stereo microscope 7-75x magnification.
Fragment of silver gilt sheet with no other decorative features

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

There are small, sporadic soil deposits on the front and back. The object is broken on alls sides, with one corner bent upwards. The back is plain and has been affected by a grey waxy material, possibly a form of silver corrosion. There is widespread blackening of the surface, obscuring much of the gliding

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, 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 was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

Possible 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: see pre-conservation reports.

Samples:
None – insufficient soil.