

## K1345 Condition Report

**Conservation Started: 23/5/13**

**Conservation Finished: 23/5/13**

**Conservator: Deborah Magnoler**

**Time Taken: 1 hr**

Including digital photography, report, conservation and packing.

**Dimensions:** (L) 28 mm (W) 11.5 mm (Th. sheet) <0.25mm

**Weight before:** 0.78g

**Weight after:** 0.39g

**Catalogue number:** 356

### **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. Plain sheet of gold with a linear crease along one side which might have originally be a flanged edge.

### **Associated Objects: possibly K1229**

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

Partly covered in soil. Incomplete and torn on three sides. The metal surface has suffered shallow abrasions and is dulled by a diffused red discolouration there are a number of shallow circular marks at the back, which might have been caused by a punch. There are three linear scratches near the edge that might have been caused during excavation, as they appear shiny. There is a deposit a green material, possibly copper corrosion, attached to the surface at the back.

**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 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:** see pre-conservation condition.

**Key features:**

- Linear crease
- Circular marks at the back.

**Samples:**

1. soil from all sides.