

Re: Copper Alloy Hook

TREATMENT REPORT

Cleaning

Small sections of the hook were mechanically test cleaned using a scalpel to determine whether details of the hook were preserved under corrosion layers; however, it appears that surface details are partially preserved mainly in the corrosion layer. Therefore, only surface cleaning with acetone and ethanol was completed.

Consolidation/Stabilization

Unstable areas at the neck and on the back of the object were stabilized using a 5% Acryloid B72 solution in acetone, a conservation adhesive. The crack at the neck of the object was further stabilized with three segments of Japanese tissue paper impregnated with Acryloid B72 in acetone.

Storage

This object should be stored in a stable environment with minimal fluctuations in relative humidity. It should be kept within a polyethylene bag and stored inside a polyethylene or polypropylene container with a tight fitting lid. Silica gel should be stored along with the hook, and should be checked at regular intervals to ensure that relative humidity levels remain low. Handle the object with gloves.