

Antimony Pentasulfide AS-S1

Antimony pentasulfide AS-S1, which is brown powder (shown in photo 1), is mainly used for coloring of copper alloy (bronze, brass and etc.) surface for antique finishing. This antique finishing is often used for the materials of religious and commercial buildings like temple, shrine, bank, hotel and department store. Unlike wet method (immersion treatment), coloring by using antimony pentasulfide doesn't require dipping tank, so it is also applied for large or atypical building materials.

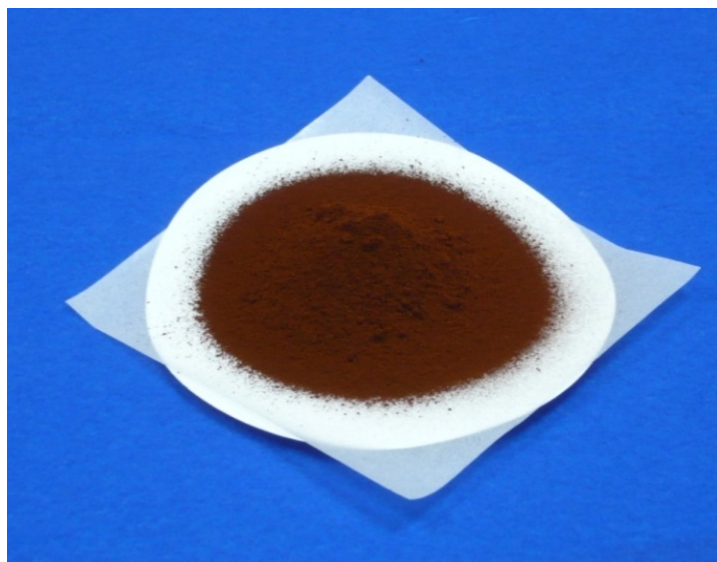


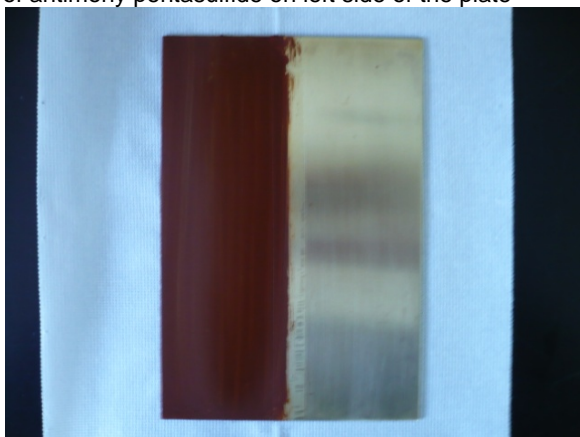
Photo 1 Antimony pentasulfide AS-S1

AS-S1 mainly consists of Sb_2S_5 (antimony pentasulfide), and also contains Sb_2S_3 (antimony trisulfide) and free S (As chemical composition, approx. Sb 70%, S 30%).

Antimony pentasulfide is comparatively unstable, requires conditioning in cool and dark place.

Example of typical use : Coloring on bronze surface

STEP1 Polish the bronze plate, and paint slurry of antimony pentasulfide on left side of the plate



STEP2 Dry the painted slurry, and remove it with brush.



* The statement and methods presented herein about the products are based upon the best available data and practices currently known to us. However they are neither presentations nor warranties of performance, results or comprehensiveness of such data, and further. They do not imply any recommendation to infringe any patent or offer of a license under any license.



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