

RSA-MIL-SPEC-40

PAINT SYSTEM, UN WHITE

SCOPE

- 1.1 This specification covers the requirements for a paint system consisting of solvent- based primer (two-pack) and water-based top coat for application to DOD equipment used in support of UN operations.
- 1.2 This specification covers coatings of the following colour:

Colour	Closest NCS Code and corresponding L*a*b* values+			
UN White (Top Coat)	S 0500-N	L*=94.38	a*=-0.33	b*=1.87

+ NCS Code = Natural Colour System Code. Corresponding NCS codes and values are scientifically tested / verified by the National Metrology Laboratory (NML) of the Council for Scientific and Industrial Research (CSIR). All these measurements are done in the 6°/d geometry, with D65 as illuminant and a 10° observer.

1.3 **Note of caution to Programme Managers, Suppliers, Manufacturers, Testing Authorities and other Users of this specification:**

1.3.1 It is of paramount importance that users of this specification specifically familiarize themselves with the correct issue status and/or technical requirements – whether intended or otherwise.

1.3.2 The use of this specification may result in a mismatching of colours in certain instances, leading to potential non-conformance to intended contractual obligations.

It is possible that the approved paint manufacturer can supply such paint without a Certificate of Conformance (CoC) for small touch-ups. Slight colour difference may occur due to aging, chalking, different batches and application methods. In such case, the recommendation is to apply an overall coat after the correct surface preparation in order to ensure uniform colour and dry film appearance.