



STRATEGIC VISIONARY SOLUTIONS®
"Providing Solutions to Your Challenges"

**MIL-STD CONTAINER
COATING**

NANO-CLEAR® INDUSTRIAL COATING WITH MATTE (NCIM) FOR MIL-STD-129R CONTAINER COATING

Military Standard #129R
Dated: February 18, 2014

Military Customer:
Department of Defense
United States of America

Project:
Protective coatings for Military
Containers using Nano-Clear®
Industrial with Matte (NCIM).

Project Location:
Worldwide

Applicator:
Certified coatings applicators

Coating Formulation:
Nano-Clear® Industrial with Matte
(NCIM) coating

Application System:
Hand application by brush and
wiping, or HVLP, or Graco Airless
Sprayer

Date:
Application: worldwide



Before and After Application of Protective Coating on a Container Using NCIM

PROJECT REQUIREMENTS:

MIL-STD-129R 18 February 2014 Requires protective coatings for shipping containers:

Per section 4.1 Marking of containers. Shall be accomplished by any means that provides durability and legibility.

Per Section 4.2 Marking Materials shall be as specified in the standard or alternate choices. DoD unique labels may be procured from noted source.

Per Section 4.2.1.1 Waterproofing materials used as protective coatings. Waterproofing materials such as ...polyurethane coatings... that do not restrict the legibility or readability of the packaging shall be used as protective coatings on the container.

Per Section 4.2.1.2 Stencils shall use non-fading... paint... if CARC coated the container... must use CARC stencils.

Per Section 4.2.2.2 Protective coating of labels. Must use a waterproof transparent coating to protect the labels.

Per Section 5.3.2.10 Shipping Containers SEAVAN no exterior markings are allowed.

Per Section 5.10.17 Center of Balance Required on containers, must be evenly distributed for weight, then marked per requirements.

The protocol for **NCIM** coating meets the requirements for these standards.

COATING FORMULATION:

NCI – a crystal clear, aliphatic, moisture cured, one component polyurethane/polyuria hybrid formulation with extreme cross-link density for UV, CHEMICAL AND ABRASION RESISTANCE. With Matte Additive becomes **NCIM**.

NCI is formulated to penetrate and fortify existing paint systems (newly painted or highly oxidized), not replace them. With Matte Additive completely removes gloss.

Applications: Heavy equipment, ships, external structures, fleet equipment, facilities, fences (metal and wood), above ground storage tanks and containers, equipment, bridge rails and signs that have degraded paint/coatings from UV, chemical and abrasion forces.

RESULTS:

NCIM coating meets **MIL-STD-129R** requirements.

Please contact us for more information:

www.StrategicVisionarySolutions.com | 586.295.7825