



TDS

12|34® Formula

Multi-Use Corrosion Preventive Compound (CPC)
Qualified by the Department of Defense and included in the QPL for MIL-PRF-81309H(1) Type II Class 1 (Bulk Liquid) and Type II Class 2 CO2 (Aerosol).

12|34® Formula's lubricating, penetrating, moisture-displacing, and corrosion preventive properties are unsurpassed by any single product of its kind.

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LUBRICATES: Contains highly refined lubricants which provide superior protection and anti-wear properties.

REMOVES MOISTURE: Moisture is lifted and displaced rather than trapped. Surface pores and crevices are freed from moisture and coated with a thin, non-greasy film that prevents additional moisture from clinging or re-entering.

PENETRATES: Rusted and frozen metal parts are easily loosened by superior "creepability."

PREVENTS RUST & CORROSION: 12|34® Formula's thin film adheres to metallic surfaces, providing protection against the formation of rust and corrosion, including electrolysis and galvanic corrosion common in high-salinity environments.

NON-FLAMMABLE (Aerosol)

DESCRIPTION

12|34® Formula was originally developed to protect materials in storage and to reclaim materials damaged by weather and/or saltwater exposure. Much of this work was done for the Navy and general aviation for corrosion prevention and rust removal. Rust has been called the Navy's second most formidable enemy. 12|34® Formula has been enlisted in corrosion control and rust removal in multiple shipboard and shore installation applications for the Navy. In general aviation, light aluminum sections and component parts have been similarly protected by 12|34® Formula's ability to stop corrosive oxidation. So successful was the product in these fields, that expanding 12|34® Formula into countless other industrial applications was inevitable. Treating with 12|34® Formula before storage can reduce handling costs and maintenance until the materials are ready for processing.

Ford Motor Company, Central Laboratory Services (Test M-7C54A Rust Preventive for Polished Steel) tested 12|34® Formula.

Test data revealed the following:

Water Displacement 24 days, 100°F (37.7°C) – NO RUST

Corrosion, Oven Temp 158°F (70°C) for 30 days – NO RUST

Appearance of film after 24 hours drying – NO CRACKS OR BREAKS

Flash Point of 178°F (81.1°C)

Pour Point of -40°F (-40°C)

Abrasives – NONE

Note: Products listed are suggestions. The information on this site will not replace your testing and evaluation procedures. Ultimate product selection should be based on your test results and the specific performance requirements.



ADDITIONAL INFO

Available in

11 oz. aerosol, NSN 8030-01-601-2131

1 gallon can, NSN 8030-00-213-3279

5 gallon pail, NSN 8030-00-262-7358

55 gallon drum, NSN 8030-00-524-9487

Industries currently using 12|34® Formula:

Aviation, Aerospace, Defense/Military, the Federal Government, Private & Commercial Aircraft, Marine/Yachts, High-Performance Automotive, Construction/Heavy Equipment, Unmanned Aircraft (drones), Transportation/Transit, the Rails, Energy, Mining, Agricultural, Rare Mineral Drilling, HVAC, Consumer/Homeowner Use, and General & Advanced Manufacturing & Industrial Industries.

12|34® Formula aerosols are non-flammable

Easy to use – no mixing or diluting

Economical – aerosol coverage is 30-40 sq ft, while 1 gallon covers 4000-5000 sq ft

Can be used on steel, brass, aluminum, solder, copper, magnesium, and other common metals

Contains no silicones, kerosene, nor acrylics

Harmless to paint

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