
**PRODUCT
INFORMATION****NOX-RUST® X-121 BLACK****Rust-Proofing Underbody Wax****Description**

NOX-RUST® X-121 BLACK is a thixotropic wax-gel rustproofing compound designed to provide a long-term protective film for automotive primed and

unprimed steel. NOX-RUST® X-121 BLACK will dry to a firm wax-like film that will repel water, self-heal, and remain flexible at low temperatures.

Application

NOX-RUST® X-121 BLACK can be easily applied using low pressure airless equipment. For best results, Daubert recommends the following conditions:

Pump:	10:1 to 40:1
Hose:	3/8 ID Minimum
Air Pressure:	500-800 Lbs. at Tip
Tip:	Roto-Clean Type, Tungsten Carbide 3-17 to 3-25
Coverage Rate:	140 to 170 Sq.Ft./Gal.

NOX-RUST® X-121 BLACK has a thixotropic wax-gel that requires moderate stirring before use. Continuous agitation and thinning is not generally required. If product thickens due to solvent loss, add aliphatic mineral spirits. The recommended film thickness for NOX-RUST® X-121 BLACK is 10-12 mils wet (5-6 mils dry). The coating will dry to touch in four hours and be tack-free overnight.

NOTE: For easy bodyshop or field application, NOX-RUST® X-121 BLACK is available in aerosol spray cans (12 cans per case, part no. 1786060).

Physical Properties**Typical Values**

Appearance:	Black Thixotropic Liquid
Odor:	Mild Petroleum Odor
Film:	Firm, Wax-Like Film
Specific Gravity:	1.0 ± .03
Weight per Gallon:	8.4 ± 0.2 lbs/gal
Non-Volatile by Weight	68 ± 3%
Non-Volatile by Volume:	57 ± 3%
VOC:	2.8 LBS VOC/Gal
Viscosity @ 77°F (25°C Spindle #6 @ 10 RPM)	6,000-20,000 CPS
Solvent:	Mineral Spirits, Rule 66 Type
Weight Per Gallon of Solvent:	6.5 lbs/gal
Flash Point:	105°F
Storage Stability:	1 Year Minimum

Performance Properties

Salt Spray (5% ASTM-B-117):	2000 Hrs. (Min.)
Q.U.V. (ASTM G-53-84):	2000 Hrs. (Min.)
Humidity (ASTM-D-1748):	4000 Hrs. (Min.)
Low Temperatures Flexibility (MIL-C-0083933-A MR):	-20°F
High Temperature Flow (MIL-C-0083933-A MR)	350°F
Fire Resistance (MIL-C-0083933-A MR)	Pass – Will not support combustion.
Water Displacement (MIL-C-0083933-A MR)	Pass – Will displace condensed water off steel.
G.M. Corrosion Cycles (FBTM 54-12 #C):	Pass – 30 Cycles

Removal

The wet and dry films of NOX-RUST® X-121 BLACK can be removed using mineral spirits or kerosene.

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PAGE 2 OF 2

4700 South Central Avenue ■ Chicago, IL 60638 ■ 1-800-688-0459 ■ or 708-496-7350 ■ Fax: 708-496-7367

Visit our web site at www.daubert.com ■ Our e-mail is dauchem@daubert.com

