

Military Grade Low Gloss Urethane Topcoats

1. PRODUCT NAME

11034	Lusterless OD#8-319	11037	1968-74 OD 24087 Dark Green
11035	Olive Drab #6	11038	WWII USMC Olive Drab
11036	Dunkelgelb RAL 7028	11039	Brown Semi-gloss
11044	Olive Drab 34087	11054	Olive Drab 2430 Semi-gloss

Available in a variety of colors and gloss levels.

2. MANUFACTURER

SIERRA LLC
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3. PRODUCT DESCRIPTION

Acrylic Urethane Topcoat. Designed to be applied to primed surfaces.

- May be applied directly to primed metal surfaces.
- Excellent exterior weathering properties
- Excellent application properties

4. PRODUCT CHARACTERISTICS & TECHNICAL DATA

Composition and Materials:

- Acrylic Polyurethane Resin
- Aromatic and Ester solvents

PHYSICAL PROPERTIES	
Solids Content: (as delivered; mixed)	51.8%: 48.3% by weight 40.1%; 38.1% by volume
Recommended Dry Film Thickness:	1-2 mils dry
Theoretical Coverage:	611 square feet per gallon
Density:	9.19 lbs/gal
Gloss:	Flat 1.1-1.4 @ 60 deg Semi-gloss 15-22 @ 60 deg
Viscosity: (as delivered; mixed)	35-40" Z#3 @ 77 F 25-30" Z#2 @ 77 F
Finish Appearance:	Smooth
Pot Life (@77°F):	2-3 hours at 70F.
Recommended Primer:	4078 Phenolic Primer 26016 Epoxy Primer

PHYSICAL PROPERTIES

Flash Point:	25°F SFCC
Theoretical VOC: (as delivered; mixed)	4.4 lbs/gal as delivered 4.54 lbs/gal mixed
Shelf Life:	2 years in unopened container

5. RECOMMENDED USES

2K Urethane topcoats are designed for restored vintage military vehicles and equipment. When used properly, this paint will produce the results that are demanded of professional restorers of vintage military vehicles and equipment.

6. APPLICATION PROCEDURES AND INSTRUCTIONS

Surface Preparation:

Surface should be free of any oil, grease, or dirt. Existing finishes should be degreased and sanded with 280 grit sand paper. Abrade steel surfaces with 80 grit sandpaper. Apply primer to dry clean surfaces. When sanding old, existing paint be aware that lead may be present. Take precautions to avoid breathing sanding dust. Wash hands before eating.

Steel Preparation - Apply to primed steel. For maximum corrosion protection, use a phenolic or epoxy primer.

Aluminum Preparation - Epoxy primer is recommended.

Galvanized Preparation - Epoxy primer is recommended.

Concrete Preparation - Not recommended for concrete.

Mixing/Thinning:

Mix color component well before using. Mix 5 parts by volume color with 1 part by volume OCD-31 Urethane hardener. For air spray, reduce by 5-10% with T-98 Urethane reducer to obtain good spray properties.

Application Conditions:

Surface temperatures should be at least 45 F when the paint is applied. Do not apply to wet or damp surfaces. Apply at temperatures that are 5 degrees above the dew point and rising.

Recommended Application Equipment:

Gun Type	Nozzle	Air Pressure
Conventional Gravity Feed	1.4-1.5	45-65
Conventional Pressure Pot	1.0-1.2	45-65
HVLP Gravity Feed	1.4-1.5	7-12 at cap
HVLP Pressure Feed	0.8-1.2	7-12 at cap

7. REFINISHING PROCEDURES AND INSTRUCTIONS

After the maximum recoat time, the topcoat should be abraded with a red Scotchbrite pad or 320 grit sandpaper.

8. CLEANUP, SAFETY AND STORAGE

Cleanup Instructions:

Clean up with T-5 Xylene reducer and clean up solvent.

Spills and Leaks:

Contain spilled materials and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused content in accordance with local, state and federal regulations. For safety controls, Safety Data Sheets are available from Sierra. This information should be read before using this product.

First Aid:

If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately. In case of skin contact, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Call a physician immediately.

Storage:

Store indoors and away from heat or humidity. Shelf life is 2 years in unopened container.

9. PACKAGING AND AVAILABILITY

Available in one gallon cans.

PERFORMANCE DATA

Test Method	Results
Pencil Hardness:	H-2H
Reverse Impact:	10 in pounds
ASTM D-3359 Adhesion	5B on clean primed steel
Chemical Resistance 60 min spot test:	Gasoline: No effect Antifreeze: No effect Brake Fluid: Slight softening ATF: No effect Water: No effect. Not recommended for water immersion service.
ASTM B-117 Salt Fog:	300 hours with primer
ASTM G-53 QUV 340 A:	1000 hours

TEMPERATURE RATING (dry)

Temperature	Results
Intermittent	300 F
Continuous	200 F

CURING TIMES

Surface Temp. (50% Relative Humidity)	Recoat	Lift Window	Final Cure	Max. Recoat Time
50 F	20 min	None	7 Days	2 Days
90 F	5 min	None	7 Days	1 Day

Revision date: 5/3/17

Conditions of Sale/Limited Warranty

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