

# DMPA<sup>®</sup> Polyol HC-0123

## Corrosion Resistant DTM Coating

### STARTING POINT FORMULATION

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A black primer/coating formulated with DMPA<sup>®</sup> Polyol HC-0123 has excellent pigment dispersion and corrosion resistance in direct to metal applications.

Grind Base	Pounds	Gallons	Description
HC-0123 PUD ★	465.00	53.4	Binder
Disperbyk 194 *	0.60	0.07	Surfactact
Surfonyl Tg *	0.60	0.08	Surfactact
Dehydran 1293 *	0.60	0.08	Defoamer
Optiwhite *	93.00	3.30	Extender
Huberbrite HB7	124.00	3.40	Extender
Halox 430	62.00	4.60	Corrosion
Carbon Black E-5	31.00	2.10	Pigment
<b>Subtotal</b>	<b>776.80</b>	<b>67.03</b>	
<b>Let Down</b>			
HC-0123 PUD ★	155.00	17.8	Resin
Propylene glycol *	6.20	0.70	Solvent
<b>Viscosity Adjustment</b>			
RM-825 *	4.00	0.4	Thickener
Water	118.00	14.1	
<b>Total</b>	<b>1060.00</b>	<b>100.03</b>	

★ Refer to DMPA<sup>®</sup> Polyol HC-0123 Technical Bulletin No. 2 for composition and properties.

Paint Properties	
Percent Solids	
By weight	54.0%
By volume	41.5%
Viscosity KU-2	
Kreb	88
pH	8.1
Density	10.6
PVC	32.3
PB ratio	1.2
VOC grams/liter	<b>94</b>
Coating adhesion CRS	<b>Excellent</b>

Excellent adhesion to metal substrates.  
 VOC content ≤ 100 grams/liter

#### \* Chemical Manufacturers

Disperbyk 194 - Byk Chemie	Huberbrite HB7 - Huber
Surfonyl Tg - Air Products	Halox 430 - Halox
Dehydran 1293 - Cognis	Carbon Black E-5 - Cabot
Optiwhite - Burgess Pigments	Propylene Glycol - Lyondell
	RM-825 - Rohm & Haas

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