



# PRODUCT DATA SHEET

## 51 Series Drew-Guard Acrylic Epoxy Enamel

### PRODUCT DESCRIPTION:

Drew-Guard is a high gloss UV resistant epoxy coating that is designed to be applied primed substrates. Drew-Guard has good chemical resistance for splash/spill exposure.

---

### INTENDED USES:

Recommended as a protective coating for industrial facilities, I-beams, storage tanks, marine and offshore structures. Drew-Guard is intended to be used as a top coat finish.

---

### PHYSICAL PROPERTIES:

Vehicle Type:	Acrylic Epoxy Resin
Color:	White, Deep, Clear Base and Standard Colors
Finish:	Gloss
Solids	
By Volume:	55% Avg. (+/-2%)
By Weight:	65% Avg.
Viscosity:	65 (+/-3%) Krebs Unit
V.O.C.	3.5 lbs. per gal / 420 grams per litre Catalyzed
Pot Life @77°F	8 hours
Recommended Dry Film Thickness:	3-4 mils
Theoretical Coverage:	220-294 sq.ft. per gal.

### DRY TIME

Substrate Temp.	Tack Free	Dry to Recoat Minimum	Dry to Recoat Maximum
50°F	6 Hours	24 Hours	(*) 7 days
77°F	3 Hours	8 Hours	(*) 7 days
95°	1 Hours	6 Hours	(*) 7 days

(\*) See dry times for more information.

---

### DRY TIMES:

Normally there is no overcoating limit provided that the surface is free from chalking and other contaminants prior to application. To insure the best intercoat adhesion it is recommended that you apply the subsequent coat before the preceding coat has fully cured, if coating has cured scuff sand area to remove surface gloss.

---

**SURFACE PREPARATION:**

All surfaces that are to be coated must be free of dust, dirt, grease, oil, moisture and any other contaminate that may cause premature coating failure. Previously painted surfaces such as aged epoxies and urethanes, or any high gloss finish must be lightly sanded to ensure proper adhesion.

**MIXING:**

Drew-Guard is supplied in a 2 component product, 12:1 mix ratio, stir separate components thoroughly before mixing together. Combine base and catalyst, using a powered drill mixer mix activated material for 2-3 minutes. Do not activate more material than you can use within the stated pot life.

**APPLICATION:**

Airless – recommended tip sizes (.017-.021)  
Air Assisted Airless – Kremlin Model 17:35 or larger, MX Gun  
Conventional – Binks Model 2001 or equivalent  
HVLP – Binks Model Mach 1  
Brush/Roll – Thinning may be necessary

**PRIMER:**

Drew-Clad epoxy zinc primer, Drew Mastic epoxy mastic, 69 Series High Solids alkyd primer or equivalent.

**THINNING: Do not exceed regulatory limits**

Brush/Roll – Not normally required, recommended no more than 10% reduction with 8017 Epoxy Reducer.  
Airless Spray – If required 5-10% of 8017 Epoxy Reducer (½ pint per gallon)  
Conventional – Reduce up to 20% or as needed with 8017 Epoxy Reducer.

**CLEANING UP:**

Xylene, MEK

**ORDERING:**

These products are available in 1 and 5 gallons kits

**COMPLIANCE: Federal Regulations**

RULE	CATEGORY	MAXIMUM LEVELS	COMPLIANT
NESHAP	High Gloss	420 g/l	Yes
Automobile Refinishing	Single Stage Top Coats	600 g/l	Yes
AIM	Industrial Maintenance	450 g/l	Yes

**SAFETY:**

Products are intended for industrial use only; improper handling and misuse may be hazardous. Please refer to the Material Safety Data Sheets for more detail safety information.

**NOTE:**

This information is based on technical data that we believe to be accurate and reliable and is intended to be used by persons having the knowledge and skill to apply these coating properly. We assume no responsibility for results or damages incurred from their use by the Buyer in whole or in part.

**Main Office:**

P.O. Box 29139,  
Portland, OR 97296-9139  
PH. 503-227-6427 FAX 503-227-1609  
TOLL FREE 800-924-7874  
www.drewpaints.com

