



# PRODUCT DATA SHEET

## 21 Series DrewShield II High Solids Acrylic Polyurethane

### PRODUCT DESCRIPTION:

An extremely durable, high gloss, corrosion resistant coating.

---

### INTENDED USES:

Recommended for OEM, heavy equipment, marine and industrial structures where solvent and abrasion resistance is required.

---

### PHYSICAL PROPERTIES:

Vehicle Type:	Acrylic Urethane
Color:	White, Deep, Clear Base and Standard Colors
Finish:	Gloss
Solids	
By Volume:	60% Avg. (+/-2%)
By Weight:	65% Avg.
Viscosity:	60-65 Krebs Unit
V.O.C.	2.92 lbs. per gal / 350 grams per litre
Pot Life	6 hours
Recommended Dry Film Thickness:	4.0-6.0 mils
Theoretical Coverage:	155 - 230 sq.ft. per gal.

### DRY TIME @ 77° F

Tack Free	1 hr.
Handle	4 hr.
Recoat	Infinite

---

**NOTE:** The mixed components of Drew Shield II Acrylic Polyurethane and Drewshield II Polyurethane Catalyst meet V.O.C. requirements for A.I.M. Coatings.

**SURFACE PREPARATION:**

Surfaces that are to be coated must be clean, dry and free of surface contaminants.

---

**MIXING:**

DrewShield II Acrylic Polyurethane      6 Parts  
DrewShield Polyurethane Catalyst      1 Parts  
If necessary: Thin up to 35% with DrewShield Polyurethane Thinner

---

**THINNING: Do not exceed regulatory limits**

Brush/Roll – Not normally required, recommended no more than 10% reduction with 8056 Urethane Reducer.  
Airless Spray – If required 5-10% of 8059 Urethane Spray Reducer (½ pint per gallon)  
Conventional – Reduce up to 20% or as needed with 8056 Urethane Spray Reducer.

---

**APPLICATION:**

Airless – recommended tip sizes (.015-.018)  
Conventional – Binks Model 2001 or equivalent  
HVLP – Binks Model Mach 1  
Brush/Roll – Small areas only

---

**PRIMER:**

4001/4230/4303/7103 Phenolic Alkyd  
6901/6902/6950 High Solids Q.D. Alkyd  
52 Series Epoxy Mastic

---

**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 Coat	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

