



**POLYCRYL  
CORPORATION**  
**EarthGuard Resins  
and Gel Coats**

## Data Sheet

**POLYCRYL  
CORPORATION**

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# *PPS -A- 930* *EarthGuard VLS Carvable* *Primer Surfacer*

*EarthGuard Hybrid Carvable Primer Surfacer* represents Polycryl's innovative acrylic modified tooling technology in a high build carvable material. This Hybrid Tooling Product gives manufacturers the option of rapidly building superior plug surfaces to a thickness of one half inch or more. These surfaces can then be routed, carved, or easily sanded. The easy buff back and gloss characteristics also lend themselves to quick "one off" parts and molds.

## New Product Data

- High-Performance Acrylic Hybrid Polyester Resin.
- Easily sprayed to 50+ mil build with Air Assisted Airless Equipment.
- Utilizes New Chemistry to Achieve Extremely Low Styrene (HAP) Level – 35% or Less.
- Exceeds All Current Federal VOC Requirements.
- User Friendly with Very Little Odor.
- Minimal Shrinkage with Improved Surface Profiles.
- Excellent cure rates which allows early sanding.
- Cuts easily with no dust.
- Can be built up one half inch or more in a day.

DISCLAIMER: The data on this sheet represents typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Polycryl assumes no obligation or liability for use of this information. UNLESS POLYCRYL AGREES OTHERWISE IN WRITING, POLYCRYL MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. POLYCRYL WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.

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## Typical Properties of EarthGuard™ Carvable Primer Surfacer

<b>Specification</b>	<b>Value</b>
Heat Distortion Temperature	190 – 220F
Weight/Gallon, Pounds	9.8- 10.4
#4—6 rpm, cps	5000 – 15,000
#4—60 rpm, cps	2500 – 4000
Thixotropic Index	2.5 - 7
Norox 925H or Witco Hi Point 90	2.0%
Gel Time, Minutes	14 – 18
Gel Peak, Minutes	6.5 – 11.0
Peak Exotherm, F	350 – 390