

# Technical Information

## ELASTIFIER ADDITIVE 522-111

Resin base: PUR-Acrylic 2 pack

**E**  
**A**

### Materials:

Elastifier Additive	522-111
PUR Primers	285-
Urethane Acrylic	22-
Clear	923-












### Application/Properties:

Plasticizing additive for plastics painting  
See System B. 10

### Remarks:

For rigid plastics, use 25% by volume 522-111 in fillers and top coats (4:1)  
For soft plastics and foams, use 50% by volume 522-111 in fillers and top coats (2:1)  
Do not use 522-111 in 285-16 or 285-81.



<b>Processing Data</b>		<b>ELASTIFIER ADDITIVE 522-111</b>	
<b>Use</b>		Painting plastics	
 <b>System</b>	<b>B. 10 Primers 285-</b>		<b>Top Coats/Clears 22-/923 -</b>
 <b>Mixing ratio</b>	Step 1 100 parts by vol. 285- 25-50 parts by vol. 522-111		Step 1 100 parts by vol. 22-/923- 25-50 parts by vol. 522-111
 <b>Hardener</b>	Step 2 4:1:1 Mixture 100 parts by vol. 285-/ 522-111 mixture		Step 2 2:1 + 10% 100 parts by vol. 22-/923- & 522-111 mixture
 <b>Reducer</b>	25 parts by vol. 929- 25 parts by vol. 352-50/91		50 parts 929-81, -83 10 parts 352-50/91
<b>Potlife at 68°F/20°C</b>		1 -2 hrs	4 hrs
 <b>Spray viscosity DIN4 68°F/20°C</b>	16-18 s	923- 17-18 s	22- 20-22 s
<b>Gravity gun nozzle</b>		<b>VOC as packaged:</b> 2.6 lbs/gal; 316 gms/litre	
<b>Gravity gun HVLP</b>		<b>VOC as applied:</b> Varies depending on product usage	
 <b>Suction gun nozzle</b>			
<b>Suction gun HVLP</b>			
<b>Spray pressure</b>		60 p.s.i.	60-75 p.s.i.
 <b>Spray coats</b>	2 (2.0 mil)		2 (2.0 - 2.4 mil)
 <b>Brushing</b>			
<b>Dry coat thickness</b>			
 <b>Flash-off time 68°F/20°C</b>			
 <b>Drying at 68°F/20°C 140°F/60°C</b>	285- 2 hrs. 40 min.	22-/923- 16 hrs. 45 min.	
 <b>Infra red short wave med. wave</b>	9 min. 12 min.	9 min. 12 min.	
<b>Sanding:</b>			
Wet by Hand			
Wet by Machine			
Dry by Hand			
Dry by Machine			
<b>Comments</b>		<p><b>No</b> 522-111 required for painting of glassfibre reinforced plastics and for all Base Coats, such as 55-, 90-.</p> <p>522-111 is added to the filler/top coat first. Then this mixture is catalyzed + reduced.</p> <p>Allow approximately 50% more dry time when using 50% 522-111.</p>	

Materials described are for application by professional trained personnel only using proper equipment. Products may be hazardous & should be used according to label directions & technical data information. Appropriate respiratory protection should be worn at all times while products are in use—read product label for specific details. Statements & methods described are based upon the latest standard of technology known to the manufacturer. Application procedures cited are suggestions only & are not to be interpreted as warranty for events resulting from their use.