

Lord Adhesives Aeroglaze® 9929 Epoxy Primer

Category : Polymer , Thermoset , Epoxy

Material Notes:

Aeroglaze® 9929 epoxy primer is designed to be used on properly prepared aluminum and steel surfaces for applications that require protection against corrosion. All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-Aeroglaze-9929-Epoxy-Primer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	9929B; ASTM D1475-85
	1.35 g/cc	0.0488 lb/in ³	Mixed; ASTM D1475-85
	1.48 g/cc	0.0535 lb/in ³	9929A; ASTM D1475-85
Solids Content	47.2 %	47.2 %	9929A; by volume; ASTM D2369-87 Modified
	49.8 %	49.8 %	Mixed; by volume; ASTM D2369-87 Modified
	58.8 %	58.8 %	9929B; by volume; ASTM D2369-87 Modified
	61.7 %	61.7 %	9929B; by weight; ASTM D2369-87 Modified
	68.6 %	68.6 %	Mixed; by weight; ASTM D2369-87 Modified
	69.8 %	69.8 %	9929A; by weight; ASTM D2369-87 Modified
Volatile Organic Compounds (VOC) Content	355 g/l	355 g/l	9929B; ASTM D3960-89
	436 g/l	436 g/l	Mixed; ASTM D3960-89
	450 g/l	450 g/l	9929A; ASTM D3960-89
Brookfield Viscosity	390 cP @Temperature 25.0 °C	390 cP @Temperature 77.0 °F	9929B; ASTM D2369-87; LVT
	735 cP @Temperature 25.0 °C	735 cP @Temperature 77.0 °F	Mixed; ASTM D2369-87; LVT
	4800 cP @Temperature 25.0 °C	4800 cP @Temperature 77.0 °F	9929A; ASTM D2369-87; LVT

Outgassing - Total Mass Loss Physical Properties	1.93 % Metric	1.93 % English	ASTM E595-77 Comments
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Thermal Properties	Metric	English	Comments
Flash Point	21.1 Â°C	70.0 Â°F	9929A; Setaflash, Closed Cup; ASTM D3278-82
	29.4 Â°C	84.9 Â°F	9929B; Setaflash, Closed Cup; ASTM D3278-82

Processing Properties	Metric	English	Comments
Cure Time	120 - 240 min @Temperature 25.0 Â°C	2.00 - 4.00 hour @Temperature 77.0 Â°F	1 dry mil; tack free
	420 - 600 min @Temperature 25.0 Â°C	7.00 - 10.0 hour @Temperature 77.0 Â°F	4 dry mils; tack free
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	Clear Amber	9929B
	Yellow	Mixed
	Yellow	9929A
Coating Film Dry Weight (gm/ftÂ²/mil)	4.81	
Mix Ratio	3.5:1	by volume
	5.5:1	by weight

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