

ECCOCRYL R5034

ACRYLIC EMULSION POLYMER

ECCOCRYL R5034 is a very hard, high Tg acrylic emulsion polymer that can be formulated into DTM formulations, as well as, stain resistant waterborne wood sealers. Formulations based on R5034 will give excellent salt spray resistance properties. Also, when formulated into a wood sealer it exhibits excellent resistance properties to coffee, iodine, mustard, tea and many other staining agents.

KEY BENEFITS

- Direct to metal
- High Tg
- Excellent stain resistance

DISCLAIMER: The information and recommendations contained herein are based on data believed to be correct. The information is offered solely for the customer's consideration, investigation and verification because of numerous factors beyond our control affecting the results of the use of products, Essential Industries, INC. makes no warranty of any kind, expressed or implied, including those of merchantability and fitness for a particular purpose, other than that the product conforms to its applicable current standard specification. The manufacturer's only obligation shall be to replace such quantity of the product proven to be defective.

TYPICAL PROPERTIES*

Appearance	Translucent White
pH.....	8.0
Solids, % by Weight	40
Viscosity, cps @ 25°C	< 100
Density, lbs/gal	8.7
% VOC	0
Tg °C	69
Acid Number	24
Freeze/Thaw Stability	Fails
König Hardness (secs).....	80

*These values should not be interpreted as specifications.



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Starting Point Formulation - FCC282

<u>Materials</u>	<u>Pounds</u>
ECCOCRYL R5034	682.1
Dynol® 800	3.1
BYK 028	1.0
<i>Premix the following ingredients and add slowly:</i>	
Water	225.9
Dipropylene Glycol Monobutyl Ether	34.7
Tris(2-butoxyethyl) phosphate	44.9
Capstone™ FS-65	2.1
Halox Flash X-150	6.2
Total:	1000.00

Formulation Attributes

Solids, % by weight	30
pH.....	7.9
Viscosity (CPS)	< 50
VOC(g/L).....	46.7
Wt/gal	8.61