

EPS[®] 3302

COIL POLYESTER

DATA SHEET

Description

EPS 3302 is a coil polyester resin. EPS 3302 is designed to provide 0 T-bend flexibility, excellent flow and leveling, exterior durability, and high gloss. This balance of properties makes EPS 3302 an excellent choice for coil and extrusion coatings.

Specifications

Weight Solids:	65.0 ± 0.7%
Weight/Gallon:	8.86 ± 0.10
Viscosity:	Z1 – Z2
Acid Value:	7 - 10
Color:	3 max.

Typical Properties

Volume Solids:	58.2 ± 0.7%
OH Value:	24 – 33 (actual)
Visc. (Reduced):	E Min. @ 50%
Oil Type:	None
Solvent Composition:	Aromatic 150/Xylene (33%/ 2%)

Suggested Formulation

EPS 3302 WHT2 - White High Gloss Enamel

Recommended shelf-life 6 months

- Stored in properly sealed containers
- Keep away from heat sources and sunlight
- Keep inventory to minimum of necessary levels
- Consume on first in / first out rotation

This product may be susceptible to the development of haze when stored beyond the recommended shelf-life. This may impact product appearance and / or performance depending on application. Evaluation for fitness of use is recommended if shelf-life storage has been exceeded.

11-30-16

Questions? Call EPS Technical Service @ 1-800-601-8111

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EPS[®] 3302

SUGGESTED FORMULATION

FORMULA: EPS 3302 WHT2 (6/01)
WHITE HIGH GLOSS ENAMEL

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
150.0	16.93	EPS 3302	EPS	Add under agitation and high speed disperse to 7+ Hegman grind.
3.4	0.43	Nuosperse 657	Elementis	
20.0	2.70	Aromatic 150		
325.0	9.31	Tiona 596 TiO2	Cristal	
375.0	42.33	EPS 3302	EPS	Add under agitation.
97.0	13.07	Aromatic 150		
61.8	6.18	Cymel 303	Allnex	
65.0	8.30	Diacetone alcohol		Premix and add to above under agitation.
<u>2.0</u>	<u>0.25</u>	Cycat 4040	Allnex	
1103.2	100.00	Totals		

Formulation Parameters

Weight Solids	66.36%
Volume Solids	51.03%
Pigment Weight	29.46%
Pigment Volume Conc.	18.37%
Pigment/Binder	0.80
VOC Level	3.71lb/gal 445 g/l
Weight/Gallon	11.03

Typical Paint Properties

Viscosity, #3 Zahn cup	28 seconds
Dry Film Thickness	0.8 – 0.9 mils
Bake schedule	40 seconds @ 500°F
Peak Metal Temperature	410°F
MEK Double rubs	100
OT Bend	NF/NP
10 minutes Boiling water	
Pencil hardness	H
Gloss at 60°/20°	95/85

Suggested Application Methods

Coil Coater

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