

# EPS<sup>®</sup> 2545

## ACRYLIC DISPERSION

# DATA SHEET

### Description

**EPS 2545** is an alkali strippable, styrenated acrylic dispersion offering excellent early water resistance. The very small particle size and ability to re-solubilize itself also make the EPS 2545 an ideal vehicle for interior wood wiping stains.

- ✓ Easily removable with alkaline solutions.
- ✓ Excellent early water resistance.
- ✓ Low VOC – no coalescing solvent needed.

### Specifications

*Weight Solids:* 30.0 ± 0.7%

*Weight/Gallon:* 8.60 ± 0.10

*pH:* 9.0 – 10.0

### Typical Properties

*Volume Solids:* 27.7 ± 0.7%

*MFFT:* 1°C

*Volatile(s):* Water

*Acid Value (on solids):* 49

### Suggested Paint Formulations

EPS 2545 STN1 Cherry Interior Wiping Stain

EPS 2545 CLR Clear Tint Base

041018

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

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. EPS assumes no obligation or liability for use of this information. **UNLESS EPS AGREES OTHERWISE IN WRITING, EPS 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. EPS 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.

# EPS<sup>®</sup> 2545

## SUGGESTED FORMULATION

FORMULA: EPS 2545 STN1 (05/16/00)

INTERIOR WIPING STAIN – LIGHT CHERRY

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
68.44	8.22	Water		Add with good agitation
452.92	52.06	<b>EPS 2545</b>	<b>EPS</b>	
1.51	0.17	BYK 024	BYK	
1.01	0.11	Nuosept 95	Ashland	
1.51	0.09	Tint Eze 2445 Red Iron Oxide	<b>EPS</b>	
12.08	0.75	Tint Eze 2475 Yellow Oxide	<b>EPS</b>	
6.04	0.49	Tint Eze 2485 Raw Umber	<b>EPS</b>	
0.10	0.01	Tint Eze 2491 Lamp Black	<b>EPS</b>	
312.05	37.46	Water		Premix, add with good agitation.
3.02	0.27	Natrosol 250 HBR	Ashland	
<u>3.02</u>	<u>0.38</u>	AMP 95	Dow	
<b>861.60</b>	<b>100.00</b>	<b>Totals</b>		

### Formulation Parameters

Weight Solids	17.89	%
Volume Solids	15.49	%
Weight / Gallon	8.62	lb/gal
Pigment Volume Conc.	2.72	%
Pigment / Binder	0.08	
VOC	35	g/l
	0.29	lb/gal

### Typical Paint Properties

Viscosity (Stormer)	50 – 60	KU
pH	8.5 - 9.5	
Color	Light Cherry	
Freeze Thaw Stability	Pass 5 cycles	

### Suggested Application Methods

Brush, Wipe

NOTE: Additional co-solvent may be added to improve penetration. Co-solvents should be pre-mixed with water before adding to the formula. Recommended co-solvents include DPM, DM, PnP and PnB. Solvents not recommended are DPnP and DB.

rev.18 Aug 2011

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

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. EPS assumes no obligation or liability for use of this information. **UNLESS EPS AGREES OTHERWISE IN WRITING, EPS 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. EPS 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

# EPS<sup>®</sup> 2545

## SUGGESTED FORMULATION

FORMULA: EPS 2545 CLR (09/07/00)

CLEAR TINT BASE FOR INTERIOR WIPING STAIN

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
68.97	8.28	Water		Add with good agitation
456.23	53.05	<b>EPS 2545</b>	<b>EPS</b>	
1.50	0.17	BYK 024	BYK	
1.00	0.11	Nuosept 95	Ashland	
314.37	37.74	Water		Premix, add with good agitation.
3.00	0.27	Natrosol 250 HBR	Ashland	
3.00	0.38	AMP 95	Dow	
<b>848.07</b>	<b>100.00</b>	<b>Totals</b>		

### Formulation Parameters

Weight Solids	16.72	%
Volume Solids	15.10	%
Weight / Gallon	8.53	lb/gal
Pigment Volume Conc.	0	%
Pigment / Binder	0	
VOC	23.0	g/L
	0.19	lb/gal

### Typical Paint Properties

Viscosity (Stormer)	50 – 60 KU
pH	8.5 - 9.5
Color	Clear

### Suggested Application Methods

Brush, Wipe

NOTE: Additional co-solvent may be added to improve penetration. Co-solvents should be pre-mixed with water before adding to the formula. Recommended co-solvents include DPM, DM, PnP and PnB. Solvents not recommended are DPnP and DB.

rev.19 Aug 2011

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

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. EPS assumes no obligation or liability for use of this information. **UNLESS EPS AGREES OTHERWISE IN WRITING, EPS 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. EPS 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