



<b>Submittal Item</b>
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**Project** [2008-046] - Cascade Science Lab Renovation **View Date** 4/17/2009

Schmidt Associates, Inc.  
 320 East Vermont Street  
 Indianapolis, IN 46204  
 Phone: (317) 263-6226  
 Fax: (317) 263-6224

**Submittal Item No.**  
 099123-01

**General Information**

<b>Item No.</b>	099123-01	<b>Revision</b>	0
<b>Package No. Rev.</b>	099123.0		
<b>Description</b>	099123 - Interior Painting		
<b>CSI Code</b>	099123 - Interior Painting	<b>Submitting Company</b>	K.P. Meiring Company
<b>Reference No.</b>		<b>Copies Required</b>	
<b>Status</b>	Completed	<b>Item Type</b>	
<b>Responsible Team Member</b>	Laura Hardin (Schmidt Associates, Inc.)		
<b>Item Notes</b>			
<b>Primary Response</b>	Reviewed as Submitted		
<b>Submission Notes</b>			
<b>Review Notes</b>			

**Dates**

<b>Material Required on Site</b>	<b>Required Lead Time (days)</b>
<b>Approved Submittal Required By</b>	<b>Required Review Time (days)</b>
<b>Submission Due</b>	

**Linked Documents**

Document Type	Document	Open	Description	Date
Doc	2008-046-00012		099123-01	4/14/2009

**Distribution**

Recipient	Company	Method	Date
Ken Meiring	K.P. Meiring Company	Email: kenmeiring@kpmeiring.com	4/17/2009



# Submittal Comments

*Architecture  
Engineering  
Technology  
Interior Design  
Landscape Architecture*

**Item No:** 099123-01  
**(CSI No:)**  
**Item** Interior Painting  
**Descript:**  
**Re:** **Submittal** Comments  
**Cascade Science** Lab Renovation  
**2008-046.CSL** 8.3

*Wil-Fra-Mar Building  
320 East Vermont Street  
Indianapolis IN 46204-1640  
317.263.6226  
317.263.6224 (fax)  
www.schmidt-arch.com*

Reviewed and checked only for conformance with design concepts and with the information given in the Contract Documents. Approval does not release the Contractor from the responsibility to provide appropriate quantities, field measurements, dimensional stability, installation, anchorage, and coordination with other trades or release the Contractor from responsibility for deviations from the requirements of the Contract Documents or from responsibility for errors and omissions contained thereon.

X	Reviewed as Submitted - No Resubmittal Required.
	Reviewed as Noted - No Resubmittal Required.
	Reviewed as Noted - Revise and Resubmit.
	Rejected - Revise and Resubmit.
	Not Required for Review - Returned.
By: Laura Hardin	
Date: 4/14/09	

Comments

Copy: File

## Tricia L. Smith

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**From:** ken meiring [kenmeiring@kpmeiring.com]  
**Sent:** Sunday, April 12, 2009 4:39 PM  
**To:** Tricia L. Smith  
**Subject:** Cascade Science Lab Submittals Section 099123 - Interior Painting  
**Attachments:** 099123 Interior Painting.pdf

Hello

Cascade Science Lab Renovation Submittals Section 099123

Kenneth P. Meiring  
KP Meiring Company  
6519 North Carrollton Avenue  
Indianapolis, IN 46220-1616  
(317) 257 7506 x 3  
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[kenmeiring@kpmeiring.com](mailto:kenmeiring@kpmeiring.com)  
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**K.P. MEIRING CO** *KPM*  
CHECKED BY: \_\_\_\_\_  
DATE CHECKED: April 11, 2009  
REVIEWED NO EXCEPTIONS: \_\_\_\_\_   
REVIEWED WITH EXCEPTIONS: \_\_\_\_\_  
REJECTED RESUBMIT: \_\_\_\_\_

The review is only for general conformance with design concepts given in the contract documents. Subcontractor is responsible for dimensions, quantities, coordination with other trades and performing his work in a safe manner. No change to contract requirements is intended.

## CSL Cascade High School Science Lab Renovation

**G.A.B.H. INC.**  
3231 Hale Hill Rd  
Spencer, IN 46120

**GENERAL CONTRACTOR**  
KP Meirings Co.  
1715 Lakeside Ave  
STE #5  
St. Augustine, FL

**ARCHITECT**  
Schmidt Associates  
320 East Vermont St  
Indianapolis, IN 46204

Prepared By:

**CHRISTOPHER C GROSS**  
Sales Representative  
swrep8359@sherwin.com

SCHEDULE

**Interior Finishes**

**CMU Substrates MPI INT 4.2E**

Coat 1: B25W00025 - PrepRite® Block Filler White

Coat 2: B09W00951 - Harmony® Interior Latex Eg Shel Extra White

Coat 3: B09W00951 - Harmony® Interior Latex Eg Shel Extra White

**Steel Substrates- Water-Based Dryfall System MPI INT 5.1C**

Spot Prime: B50WZ0001 - Kem Kromik® Universal Metal Primer Off White

Coat 1: B42W00001 - Waterborne Acrylic Dry Fall Flat White

**Steel Substrates- Latex Over Alkyd Primer System MPI INT 5.1Q**

Spot Prime: B50WZ0001 - Kem Kromik® Universal Metal Primer Off White

Use as a spot on factory-primed steel- otherwise bare steel will require full primer coat

Coat 1: B10W00951 - Harmony® Interior Latex Semi-Gloss Extra White

Coat 2: B10W00951 - Harmony® Interior Latex Semi-Gloss Extra White

Note to Architect: New Product 0 VOC Acrylic Semi-Gloss #B66W651- Better Durability with 0 VOC

**Galvanized-Metal Substrates**

Coat 1: B42W00001 - Waterborne Acrylic Dry Fall Flat White

Coat 2: B42W00001 - Waterborne Acrylic Dry Fall Flat White

**Gypsum Board Substrates: MPI INT 9.2M**

Coat 1: B28W00200 - PrepRite® 200 Interior Latex Wall Primer White

Coat 2: B09W00951 - Harmony® Interior Latex Eg Shel Extra White

Coat 3: B09W00951 - Harmony® Interior Latex Eg Shel Extra White

**Gypsum Board Substrates: MPI INT 9.2M \*\*\*Ceilings and Bulkheads**

Coat 1: B28W00200 - PrepRite® 200 Interior Latex Wall Primer White

Coat 2: B05W00951 - Harmony® Interior Latex Flat Extra White

Coat 3: B05W00951 - Harmony® Interior Latex Flat Extra White

END OF SECTION 99123

END OF SECTION

## **SURFACE PREPARATION**

### 1) Galvanized Metal

Allow to weather a minimum of 6 months prior to coating. Clean per SSPC-SP1 using detergent and water or a degreasing cleaner, then prime as required. When weathering is not possible or the surface has been treated with chromate's or silicates, first Solvent Clean per SSPC-SP1 and apply a test area, priming as required. Allow the coating to dry at least one week before testing. If adhesion is poor, Brush Blast per SSPC-SP7 is necessary to remove these treatments.

END OF SPECIFICATION

# Data Pages



**SHERWIN  
WILLIAMS.**



# 107.10 PREPRITE® BLOCK FILLER INTERIOR/EXTERIOR LATEX B25W25

As of 09/22/08, Complies with:	
OTC	Yes LEED® Clv2.0 Yes
SCAQMD	Yes LEED® NCv2.2Yes
CARB	Yes LEED® CSv2.0Yes
MPI Spec #	4 LEED® H Yes
NAHB	Yes

<u>CHARACTERISTICS</u>	<u>APPLICATION</u>	<u>SURFACE PREPARATION</u>
<ul style="list-style-type: none"> <li>Allows topcoat on <b>concrete block</b> to be smooth and uniform</li> <li>Effective on above-grade, unpainted masonry surfaces</li> </ul> <p><b>Use on unpainted:</b></p> <ul style="list-style-type: none"> <li>Masonry</li> <li>Concrete</li> <li>Cement</li> <li>Flat Surfaced Concrete Block</li> </ul> <p><b>Color:</b> Off White</p> <p><b>Coverage:</b> 75-125 sq ft/gal @ 16 mils wet; 8 mils dry</p> <p><b>Drying Time, @ 77°F, 50% RH:</b> temperature and humidity dependent</p> <p style="margin-left: 20px;">Touch: 2 hours</p> <p style="margin-left: 20px;">Recoat with latex based: 18 hours</p> <p style="margin-left: 20px;">Recoat with solvent based: 48 hours</p> <p><b>Flash Point:</b> N/A</p> <p><b>Finish:</b> 0-5 units @ 85°</p> <p><b>Vehicle Type:</b> Vinyl Acrylic</p> <p style="text-align: center;"><b>B25W00025</b></p> <p><b>VOC (less exempt solvents):</b> 45 g/L; 0.37 lb/gal</p> <p><b>Volume Solids:</b> 48 ± 2%</p> <p><b>Weight Solids:</b> 68 ± 2%</p> <p><b>Weight per Gallon:</b> 13.5 lb</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>PrepRite Block Filler meets or exceeds the criteria set forth by the U. S. Green Building Council LEED-CI, Version 2.0 and LEED-NC Version 2.2. All results have been verified by our ISO 9001 Laboratory.</p> </div>	<p><b>Masonry, Concrete, Cement, Block</b> 1 ct. PrepRite Block Filler 2 cts. Appropriate topcoat</p> <p><b>Recommended Architectural Topcoats</b> A-100 Exterior Latex Loxon Masonry Coating SuperPaint Exterior Duration Exterior</p> <p>Classic 99 Interior Duration Home ProClassic Interior ProMar Interior SuperPaint Interior</p> <p><b>Recommended Industrial Topcoats</b> DTM Acrylic Enamel Industrial Enamel Metalatex Semi-Gloss Water Based Catalyzed Epoxy</p> <p>Apply at temperatures above 50°F. No reduction necessary.</p> <p><b>Brush</b> - Use a nylon/polyester brush. <b>Roller</b> - Use a 3/8" to 1-1/2" nap cover. <b>Spray - Airless</b> Pressure ..... 2300 psi Tip ..... .028" Reduction ... as needed up to 1 pt/gal Remove all in-line and gun filters</p> <p>Spray application may be backrolled to work material into the surface. All application methods may be squeegeed to provide a very smooth surface.</p>	<p><b>WARNING!</b> Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.</p> <p><b>Masonry, Concrete, Cement, Block</b> Remove all surface contamination, form release agents, moisture curing membranes, etc. by washing with an appropriate cleaner, rinse and allow to dry. Pressure wash the surface if needed. Remove existing peeled or checked paint to a sound surface. Concrete and mortar must be cured, generally 30 days, at 75°F before painting.</p> <p>Complete removal of sealers, release compounds, and to provide a profile, tilt-up and poured-in-place concrete could require sandblasting or cleaning with commercial detergents. <b>Do not apply to smooth, slick surfaces, peeling may result.</b></p> <p>Masonry surfaces must be dry before priming. Moisture content must be 15% or lower, and the pH between 6 and 9. If the pH is greater than 9, use Loxon Block Surfacer in place of PrepRite Block Filler.</p> <p>For repairing <b>exterior</b> cracks, bugholes, air pockets, and other voids use ConSeal™ Patches and Sealants.</p>

107.10

PREPRITE®

BLOCK FILLER

INTERIOR/EXTERIOR LATEX

B25W25



SHERWIN  
WILLIAMS.

### SURFACE PREPARATION

#### **Mildew**

Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.

### CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

### CAUTIONS

Do not apply at temperatures below 50°F. Protect from freezing.

#### LABEL CAUTIONS

CAUTION contains CRYSTALLINE SILICA. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

HOTW 09/22/2008 B25W00025 25 00

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.



**SHERWIN  
WILLIAMS.**



**HARMONY®**

## INTERIOR LATEX EG-SHEL B9 SERIES

As of 09/22/08, Complies with:		
OTC	Yes	LEED® Clv2.0 Yes
SCAQMD	Yes	LEED® NCv2.2Yes
CARB	Yes	LEED® CSv2.0Yes
MPI Spec #	144	LEED® H Yes
NAHB	Yes	LEED® Schools Yes

### CHARACTERISTICS

**Harmony® Interior Latex Eg-Shel** provides a durable, low-odor, anti-microbial\*, interior paint formulated without silica. You can use this product, without typical odor complaints, in **occupied** areas because of the very low odor during application and drying.

**Harmony® Coatings** meet or exceed the criteria set forth by the U. S. Green Building Council LEED-CI, Version 2.0 and LEED-NC Version 2.2. All results have been verified by our ISO 9001 Laboratory.

**Color:** Most Colors

To optimize hide and color development, always use the recommended P-Shade primer

**Coverage:** 350-400 sq ft/gal  
@ 4 mils wet; 1.6 mils dry

**Drying Time, @ 77°F, 50% RH:**

Touch: 1 hour

Recoat: 4 hours

Drying and recoat times are temperature, humidity, and film thickness dependent

**Flash Point:** N/A

**Finish:** 10 - 20 units @ 85°

**Tinting with Blend-A-Color:**

Base	oz/gal	Strength
Extra White	0-5	100%
Deep Base	4-12	100%

Addition of Blend-A-Color Tinting Color may increase the VOC.

**Vehicle Type:** 100% Acrylic

**B09W00951**

**VOC (EPA Method 24):**

0 g/L; 0.0 lb/gal

**Volume Solids:** 39 ± 2%

**Water Vapor Permeance**

ASTME96 A 1.7 perms

**Weight Solids:** 53 ± 2%

**Weight per Gallon:** 10.7 lb

\* Anti-microbial - This product contains agents which inhibit the growth of microbes on the surface of this paint film.

### SPECIFICATIONS

#### **Block**

- 1 ct. Loxon Block Surfacers\*
- 2 cts. Harmony Interior Latex Eg-Shel

#### **Drywall**

- 1 ct. Harmony Interior Latex Primer
- 2 cts. Harmony Interior Latex Eg-Shel

#### **Masonry**

- 1 ct. PrepRite Masonry Primer\*  
or Harmony Interior Latex Primer
- 2 cts. Harmony Interior Latex Eg-Shel

#### **Plaster**

- 1 ct. PrepRite Masonry Primer\*  
or Harmony Interior Latex Primer
- 2 cts. Harmony Interior Latex Eg-Shel

#### **Wood, Composition Board**

- 1 ct. PrepRite Classic Interior Latex Primer\*
- or Harmony Interior Latex Primer
- 2 cts. Harmony Interior Latex Eg-Shel

\* These primers contain relatively low amounts of VOCs, but could result in minor, noticeable odors.

### SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer.

#### **Drywall**

Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

#### **Masonry, Concrete, Cement, Block**

All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with PrepRite Masonry Primer.

101.23

**HARMONY®**

**INTERIOR LATEX EG-SHEL**

**B9 SERIES**



**SHERWIN  
WILLIAMS®**

<u><b>SURFACE PREPARATION</b></u>	<u><b>APPLICATION</b></u>	<u><b>CAUTIONS</b></u>
<p><b>Plaster</b> Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with clear water and allow to dry.</p> <p><b>Wood</b> Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.</p> <p><b>Mildew</b> Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.</p> <p><b>Caulking</b> Gaps between walls, ceilings, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.</p>	<p>Apply at temperatures above 50°F. No reduction necessary.</p> <p><b>Brush</b>—Use a nylon/polyester brush.</p> <p><b>Roller</b>—Use a 3/8" - 3/4" nap synthetic roller cover.</p> <p><b>Spray—Airless</b> Pressure ..... 2000 psi Tip ..... .015"-.021"</p> <p><u><b>CLEANUP INFORMATION</b></u></p> <p>Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.</p>	<p>For interior use only. Non-photochemically reactive.</p> <p><b>CAUTIONS</b> Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. <b>FIRST AID:</b> In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. <b>WARNING:</b> This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. <b>DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.</b> HOTW 09/22/2008 B09W00951 07 00</p> <p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.</p>



**Industrial  
&  
Marine  
Coatings**

# 2.11

## KEM KROMIK® UNIVERSAL METAL PRIMER

**B50NZ6**

**BROWN**

**B50WZ1  
B50AZ6**

**OFF WHITE  
GRAY**

### PRODUCT INFORMATION

Revised 4/05

PRODUCT DESCRIPTION	RECOMMENDED USES																														
<p><b>KEM KROMIK UNIVERSAL METAL PRIMER</b> is a rust inhibiting, low VOC, modified alkyd resin primer designed for use over iron and steel substrates. Can be used as a "universal" primer under high performance topcoats and is also suitable as a "barrier" coat over conventional coatings which would normally be attacked by strong solvents in high performance coatings.</p> <ul style="list-style-type: none"> <li>• High film build</li> <li>• Corrosion resistant</li>   <li>• Can be topcoated with epoxies and urethanes</li> <li>• Apply down to 40°F</li> </ul>	<p>For use over prepared steel.</p> <ul style="list-style-type: none"> <li>• "Universal" primer</li> <li>• Shopcoat primer</li> <li>• "Barrier" coating</li> <li>• Maintenance primer</li> <li>• Interior / exterior metal primer</li> <li>• Structural steel</li> <li>• Equipment / machinery</li> <li>• Marine vessels</li> <li>• Hand rails</li> <li>• Conforms to AWWA D102-03, OCS #1</li> <li>• Suitable for use in USDA inspected facilities</li> </ul>																														
PRODUCT CHARACTERISTICS	PERFORMANCE CHARACTERISTICS																														
<p><b>Finish:</b> Flat</p> <p><b>Color:</b> Brown, Off White, Gray</p> <p><b>Volume Solids:</b> 53% ± 2%</p> <p><b>Weight Solids:</b> 73% ± 2%</p> <p><b>VOC (EPA Method 24):</b> &lt;420 g/L, 3.5 lb/gal, Off White</p> <p><b>Recommended Spreading Rate per coat:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 20px;">Wet mils:</td> <td style="padding-left: 20px;">6.0 - 8.0</td> </tr> <tr> <td style="padding-left: 20px;">Dry mils:</td> <td style="padding-left: 20px;">3.0 - 4.0</td> </tr> <tr> <td style="padding-left: 20px;">Coverage:</td> <td style="padding-left: 20px;">212 - 283 sq ft/gal approximate</td> </tr> </table> <p><b>NOTE:</b> Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.</p> <p><b>Drying Schedule @ 6.0 mils wet @ 50% RH:</b></p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"></th> <th style="text-align: center;">@ 40°F</th> <th style="text-align: center;">@ 77°F</th> <th style="text-align: center;">@ 110°F</th> </tr> </thead> <tbody> <tr> <td>To touch:</td> <td style="text-align: center;">2 hours</td> <td style="text-align: center;">30 minutes</td> <td style="text-align: center;">15 minutes</td> </tr> <tr> <td>Tack free:</td> <td style="text-align: center;">2½ hours</td> <td style="text-align: center;">1 hour</td> <td style="text-align: center;">20 minutes</td> </tr> <tr> <td>To recoat with itself and alkyds:</td> <td style="text-align: center;">2½ hours</td> <td style="text-align: center;">1 hour</td> <td style="text-align: center;">45 minutes</td> </tr> <tr> <td>To recoat with high performance/hot solvent topcoats:</td> <td style="text-align: center;">36 hours</td> <td style="text-align: center;">16 hours</td> <td style="text-align: center;">16 hours</td> </tr> <tr> <td>To cure:</td> <td style="text-align: center;">7 days</td> <td style="text-align: center;">7 days</td> <td style="text-align: center;">7 days</td> </tr> </tbody> </table> <p>Note: For maximum adhesion, acrylic topcoats require 48-72 hours drying of primer.</p> <p>Drying time is temperature, humidity, and film thickness dependent.</p> <p><b>Shelf Life:</b> 36 months, unopened Store indoors at 40°F to 100°F.</p> <p><b>Flash Point:</b> 80°F, PMCC</p> <p><b>Reducer:</b> Not recommended</p> <p><b>Clean Up:</b> Xylene, R2K4</p>	Wet mils:	6.0 - 8.0	Dry mils:	3.0 - 4.0	Coverage:	212 - 283 sq ft/gal approximate		@ 40°F	@ 77°F	@ 110°F	To touch:	2 hours	30 minutes	15 minutes	Tack free:	2½ hours	1 hour	20 minutes	To recoat with itself and alkyds:	2½ hours	1 hour	45 minutes	To recoat with high performance/hot solvent topcoats:	36 hours	16 hours	16 hours	To cure:	7 days	7 days	7 days	<p><b>System Tested:</b> (unless otherwise indicated) Substrate: Steel Surface Preparation: SSPC-SP6 1 ct. Kem Kromik Universal @ 3.0 mils dft</p> <p><b>Abrasion Resistance:</b> Method: ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load Result: 250 mg loss</p> <p><b>Adhesion:</b> Method: ASTM D4541 Result: 260 psi</p> <p><b>Direct Impact Resistance:</b> Method: ASTM D2794 Result: 70 in. lbs.</p> <p><b>Dry Heat Resistance:</b> Method: ASTM D2485 Result: 200°F</p> <p><b>Flexibility:</b> Method: ASTM D522, 180° bend, 1/4" mandrel Result: Passes</p> <p><b>Moisture Condensation Resistance:</b> Method: ASTM D4585, 100°F, 500 hours Result: Good</p> <p><b>Pencil Hardness:</b> Method: ASTM D3363 Result: H</p> <p><b>Salt Fog Resistance:</b> Method: ASTM B117, 500 hours Result: Good</p> <p><b>Thermal Shock:</b> Method: ASTM D2246, 5 cycles Result: Passes</p> <p>Provides performance comparable to products formulated to federal specifications: TT-P-664D.</p>
Wet mils:	6.0 - 8.0																														
Dry mils:	3.0 - 4.0																														
Coverage:	212 - 283 sq ft/gal approximate																														
	@ 40°F	@ 77°F	@ 110°F																												
To touch:	2 hours	30 minutes	15 minutes																												
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To recoat with itself and alkyds:	2½ hours	1 hour	45 minutes																												
To recoat with high performance/hot solvent topcoats:	36 hours	16 hours	16 hours																												
To cure:	7 days	7 days	7 days																												



**Industrial  
&  
Marine  
Coatings**

**2.11**

**KEM KROMIK®  
UNIVERSAL METAL PRIMER**

**B50NZ6**

**BROWN**

**B50WZ1  
B50AZ6**

**OFF WHITE  
GRAY**

**PRODUCT INFORMATION**

RECOMMENDED SYSTEMS	SURFACE PREPARATION
<p><b>Steel, Alkyd Topcoat:</b>            1 ct. Kem Kromik Universal Metal Primer @ 3.0 - 4.0 mils dft            1-2 cts. Industrial Enamel HS @ 2.0 - 4.0 mils dft/ct            or WB Industrial Enamel @ 1.5 - 3.0 mils dft/ct            or Steel Spec Fast Dry Alkyd @ 3.0 - 5.0 mils dft/ct</p>	<p>Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.</p> <p>Refer to product Application Bulletin for detailed surface preparation information.</p>
<p><b>Steel, Aluminum Finish:</b>            1 ct. Kem Kromik Universal Metal Primer @ 3.0 - 4.0 mils dft            1-2 cts. Silver-Brite Aluminum @ 1.0 - 1.5 mils dft/ct</p>	<p>Minimum recommended surface preparation:            Iron &amp; Steel: SSPC-SP2</p>
<p><b>Steel, Acrylic Topcoat:</b>            1 ct. Kem Kromik Universal Metal Primer @ 3.0 - 4.0 mils dft            1-2 cts. DTM Acrylic Coating @ 2.5 - 4.0 mils dft/ct            or Sher-Cryl HPA @ 2.5 - 4.0 mils dft/ct</p>	<p style="text-align: center;"><b>TINTING</b></p> <p>Do not tint.</p>
<p><b>Steel, Epoxy Topcoat:</b>            1 ct. Kem Kromik Universal Metal Primer @ 3.0 - 4.0 mils dft            1-2 cts. Tile-Clad HS Epoxy @ 2.5 - 4.0 mils dft/ct</p>	<p style="text-align: center;"><b>APPLICATION CONDITIONS</b></p> <p>Temperature: 40°F minimum, 120°F maximum (air, surface, and material)            At least 5°F above dew point            Relative humidity: 85% maximum</p> <p>Refer to product Application Bulletin for detailed application information.</p>
<p><b>Steel, Polyurethane Topcoat:</b>            1 ct. Kem Kromik Universal Metal Primer @ 3.0 - 4.0 mils dft            1-2 cts. Hi-Solids Polyurethane @ 3.0 - 4.0 mils dft/ct            or Pylon 1900 Polyurethane @ 2.0 - 3.0 mils dft/ct</p>	<p style="text-align: center;"><b>ORDERING INFORMATION</b></p> <p>Packaging: 1 and 5 gallon containers            Weight per gallon: 12.5 ± 0.35 lb, may vary with color</p>
<p><b>Steel, Silicone Alkyd Topcoat:</b>            1 ct. Kem Kromik Universal Metal Primer @ 3.0 - 4.0 mils dft            1-2 cts. Steel Master 9500 @ 2.5 - 4.0 mils dft/ct</p> <p><b>Steel, Water Based Epoxy Topcoat:</b>            1 ct. Kem Kromik Universal Metal Primer @ 3.0 - 4.0 mils dft            1-2 cts. Water Based Catalyzed Epoxy @ 2.5 - 4.0 mils dft/ct            or Waterbased Tile Clad Epoxy @ 2.0 - 4.0 mils dft/ct</p> <p>The systems listed above are representative of the product's use. Other systems may be appropriate.</p>	<p style="text-align: center;"><b>SAFETY PRECAUTIONS</b></p> <p>Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.</p>

DISCLAIMER	WARRANTY
<p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.</p>	<p>The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.</p>





**Industrial  
&  
Marine  
Coatings**

**2.11A**

**KEM KROMIK®  
UNIVERSAL METAL PRIMER**

**B50NZ6**

**BROWN**

**B50WZ1  
B50AZ6**

**OFF WHITE  
GRAY**

**APPLICATION BULLETIN**

APPLICATION PROCEDURES	PERFORMANCE TIPS																														
<p>Surface preparation must be completed as indicated.</p> <p><b>Mixing Instructions:</b> Mix paint thoroughly by boxing and stirring before use.</p> <p>Apply paint at the recommended film thickness and spreading rate as indicated below:</p> <p><b>Recommended Spreading Rate per coat:</b></p> <table border="0"> <tr> <td>Wet mils:</td> <td>6.0 - 8.0</td> </tr> <tr> <td>Dry mils:</td> <td>3.0 - 4.0</td> </tr> <tr> <td>Coverage:</td> <td>212 - 283 sq ft/gal approximate</td> </tr> </table> <p><b>NOTE:</b> Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.</p> <p><b>Drying Schedule @ 6.0 mils wet @ 50% RH:</b></p> <table border="0"> <tr> <td></td> <td><b>@ 40°F</b></td> <td><b>@ 77°F</b></td> <td><b>@ 110°F</b></td> </tr> <tr> <td>To touch:</td> <td>2 hours</td> <td>30 minutes</td> <td>15 minutes</td> </tr> <tr> <td>Tack free:</td> <td>2½ hours</td> <td>1 hour</td> <td>20 minutes</td> </tr> <tr> <td>To recoat with itself and alkyds:</td> <td>2½ hours</td> <td>1 hour</td> <td>45 minutes</td> </tr> <tr> <td>To recoat with high performance/hot solvent topcoats:</td> <td>36 hours</td> <td>16 hours</td> <td>16 hours</td> </tr> <tr> <td>To cure:</td> <td>7 days</td> <td>7 days</td> <td>7 days</td> </tr> </table> <p>Note: For maximum adhesion, acrylic topcoats require 48-72 hours drying of primer.</p> <p>Drying time is temperature, humidity, and film thickness dependent.</p> <p>Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.</p>	Wet mils:	6.0 - 8.0	Dry mils:	3.0 - 4.0	Coverage:	212 - 283 sq ft/gal approximate		<b>@ 40°F</b>	<b>@ 77°F</b>	<b>@ 110°F</b>	To touch:	2 hours	30 minutes	15 minutes	Tack free:	2½ hours	1 hour	20 minutes	To recoat with itself and alkyds:	2½ hours	1 hour	45 minutes	To recoat with high performance/hot solvent topcoats:	36 hours	16 hours	16 hours	To cure:	7 days	7 days	7 days	<p>Stripe coat all crevices, welds, and sharp angles to prevent early failure in these areas.</p> <p>When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.</p> <p>Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.</p> <p>No reduction of material is recommended as it can affect film build, appearance, and adhesion.</p> <p>Intimate contact with the steel surface and primer is necessary for adequate rust inhibition and adhesion.</p> <p>Refer to Product Information sheet for additional performance characteristics and properties.</p>
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CLEAN UP INSTRUCTIONS	SAFETY PRECAUTIONS																														
<p>Clean spills and spatters immediately with Xylene, R2K4. Clean tools immediately after use with Xylene, R2K4. Follow manufacturer's safety recommendations when using any solvent.</p>	<p>Refer to the MSDS sheet before use.</p> <p>Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.</p>																														
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**Industrial  
&  
Marine  
Coatings**

**3.01  
WATERBORNE  
ACRYLIC DRY FALL**

**B42W1  
B42T1  
B42W2  
B42BW3**

**FLAT WHITE  
CLEAR TINT BASE (FLAT)  
EG-SHEL WHITE  
FLAT BLACK**

**PRODUCT INFORMATION**

Revised 10/06

PRODUCT DESCRIPTION		RECOMMENDED USES																									
<p><b>WATERBORNE ACRYLIC DRY FALL</b> is a water based, high light reflective white coating (black also available) that falls dry in ten feet. Fallout can be swept up for easy cleanup of work area.</p> <ul style="list-style-type: none"> <li>• High hiding</li> <li>• Increases lighting efficiency</li> <li>• High light reflectance</li> <li>• Flash rust resistance</li> <li>• Tint with EnviroToner Colorants only</li> <li>• Ten foot dry fallout</li> <li>• Easy cleanup</li> <li>• Low odor</li> <li>• Interior use</li> </ul>		<p>For use over prepared interior ceilings, walls, and structural steel in environments such as:</p> <ul style="list-style-type: none"> <li>• Warehouses</li> <li>• Industrial, commercial, and institutional buildings</li> <li>• Textile mills</li> <li>• Manufacturing facilities</li> <li>• Gymnasiums</li> <li>• Suitable for use in USDA inspected facilities</li> </ul> <p>Acceptable for use in high performance architectural applications.</p>																									
PRODUCT CHARACTERISTICS		PERFORMANCE CHARACTERISTICS																									
<p><b>Finish:</b> Flat or Eg-Shel</p> <p><b>Color:</b> Flat White, Eg-Shel White, Flat Black a wide range of colors available</p> <p><b>Volume Solids:</b> (White) 41% ± 2%</p> <p><b>Weight Solids:</b> (White) 58% ± 2%</p> <p><b>VOC (calculated):</b> &lt;100g/L; 0.83 lb/gal</p> <p><b>Recommended Spreading Rate per coat:</b></p> <p>Wet mils: 7.0 - 11.0 Dry mils: 3.0 - 4.5 Coverage: 135 - 225 sq ft/gal approximate</p> <p><b>Drying Schedule @ 7.0 mils wet 50% RH:</b></p> <table border="1"> <thead> <tr> <th></th> <th>@ 55°F</th> <th>@ 77°F</th> <th>@ 110°F</th> </tr> </thead> <tbody> <tr> <td>To touch:</td> <td>45 minutes</td> <td>30 minutes</td> <td>20 minutes</td> </tr> <tr> <td>To handle:</td> <td>1 hour</td> <td>45 minutes</td> <td>30 minutes</td> </tr> <tr> <td>To recoat:</td> <td>2 hours</td> <td>1 hour</td> <td>1 hour</td> </tr> <tr> <td>To cure:</td> <td>2 days</td> <td>4 hours</td> <td>3 hours</td> </tr> <tr> <td>Dry fallout:</td> <td>10-20 feet</td> <td>10 feet</td> <td>10 feet</td> </tr> </tbody> </table> <p>Drying time is temperature, humidity, and film thickness dependent.</p> <p><b>Shelf Life:</b> 36 months, unopened Store indoors at 40°F to 100°F.</p> <p><b>Flash Point:</b> 499°F, PMCC</p> <p><b>Reducer/Clean Up:</b></p> <p>Above 80°F Water Below 80°F 60% denatured alcohol/40% water</p>			@ 55°F	@ 77°F	@ 110°F	To touch:	45 minutes	30 minutes	20 minutes	To handle:	1 hour	45 minutes	30 minutes	To recoat:	2 hours	1 hour	1 hour	To cure:	2 days	4 hours	3 hours	Dry fallout:	10-20 feet	10 feet	10 feet	<ul style="list-style-type: none"> <li>• The bright, full-hiding, brilliant white shade of Waterborne Acrylic Dry Fall increases an area's lighting efficiency, which promotes safety and reduces eye strain due to dimly lit work stations. It helps improve employee productivity through better work area lighting due to its high light reflectance.</li> <li>• The fast drying modified acrylic resin of this waterborne coating reduces the propensity to rust, bleed, and freckle when applied over small bare steel areas, previous coating nicks, and slight rust.</li> <li>• The ten foot dry fallout characteristic reduces cleanup because its overspray dust can be swept up, thereby limiting the extent of masking equipment and floor areas. Waterborne Acrylic Dry Fall dusts less than conventional alkyd dry fall products. This helps diminish the nuisance from overspray on the applicator and the amount of waste and dust to be cleaned up.</li> <li>• Light Reflectance Value of the White is 83 ± 3% Light Reflectance Value of the Black is 5 ± 3%</li> </ul> <p><b>System Tested:</b> (unless otherwise indicated) Substrate: Cold rolled steel Surface Preparation: SSPC-SP1 1 ct: Waterborne Acrylic Dryfall Flat @ 4.5 mils dft</p> <p><b>Abrasion Resistance:</b> Method: ASTM D4060 CS10 wheel, 1000 cycles, 500 g load Result: 122 mg loss (average)</p> <p><b>Adhesion:</b> (blasted steel) Method: ASTM D4541 Result: 408 psi</p> <p><b>Flexibility:</b> Method: ASTM D522, 180° bend, 1/8" mandrel Result: Passes</p> <p><b>Impact Resistance:</b> Method: ASTM D2794 Result: Direct: 80 in. lbs. Reverse: 40 in. lbs.</p>	
	@ 55°F	@ 77°F	@ 110°F																								
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**Industrial  
&  
Marine  
Coatings**

**3.01  
WATERBORNE  
ACRYLIC DRY FALL**

B42W1  
B42T1  
B42W2  
B42BW3

FLAT WHITE  
CLEAR TINT BASE (FLAT)  
EG-SHEL WHITE  
FLAT BLACK

**PRODUCT INFORMATION**

RECOMMENDED SYSTEMS	SURFACE PREPARATION
<p><b>Steel, alkyd primer:</b> 1 ct. Kem Bond HS @ 2.0-5.0 mils dft* 1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</p> <p><b>Steel &amp; Rusted Galvanized, acrylic primer:</b> 1 ct. DTM Acrylic Primer/Finish @ 2.5-5.0 mils dft 1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</p> <p><b>Aluminum:</b> 1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</p> <p><b>Galvanized Metal:</b> 1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</p> <p><b>Concrete Block:</b> 1 ct. Heavy Duty Block Filler @ 10.0-15.0 mils dft 1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</p> <p><b>Poured Concrete Walls, Interior:</b> 1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</p> <p><b>Plaster and Wood, Interior:</b> 1 ct. PrepRite Wall &amp; Wood Primer @ 1.5-2.0 mils dft 1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</p> <p><b>Drywall:</b> 1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</p> <p><b>Previously Painted:</b> 1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</p> <p>*Steel Spec FD primers also acceptable.</p> <p>The systems listed above are representative of the product's use. Other systems may be appropriate.</p>	<p>Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.</p> <p>Refer to product Application Bulletin for detailed surface preparation information.</p> <p><b>Do not use hydrocarbon solvents for cleaning.</b></p> <p>Minimum recommended surface preparation: * Iron &amp; Steel: SSPC-SP2 Aluminum: SSPC-SP1 Galvanizing: SSPC-SP1 Concrete &amp; Masonry: SSPC-SP13/NACE 6, or ICRI 03732, CSP1-3 Clean, smooth, dust free * Wood: SSPC-SP1 Previously Painted * Primer required</p>
	<b>TINTING</b>
	<p>Tint with EnviroToner Colorants only. White may be tinted with up to 4 oz. per gallon. Clear Base may be tinted with up to 12 oz. per gallon. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.</p> <p><b>Not controlled for tint strength.</b></p>
	<b>APPLICATION CONDITIONS</b>
	<p>Temperature: 50°F minimum, 110°F maximum (air, surface, and material) At least 5°F above dew point Relative humidity: 75% maximum</p> <p>Refer to product Application Bulletin for detailed application information.</p>
	<b>ORDERING INFORMATION</b>
	<p>Packaging: 5 gallon containers</p> <p>Weight per gallon: 11.58 ± 0.2 lb, may vary with color (White)</p>
	<b>SAFETY PRECAUTIONS</b>
	<p>Refer to the MSDS sheet before use.</p> <p>Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.</p>
<b>DISCLAIMER</b>	<b>WARRANTY</b>
<p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.</p>	<p>The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.</p>



**Industrial  
&  
Marine  
Coatings**

**3.01A  
WATERBORNE  
ACRYLIC DRY FALL**

B42W1  
B42T1  
B42W2  
B42BW3

FLAT WHITE  
CLEAR TINT BASE (FLAT)  
EG-SHEL WHITE  
FLAT BLACK

**APPLICATION BULLETIN**

Revised 10/06

SURFACE PREPARATION	APPLICATION CONDITIONS
<p>Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.</p> <p>Do not use hydrocarbon solvents for cleaning.</p> <p><b>Iron &amp; Steel</b> Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6/NACE 3, blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils). Prime any bare steel within 8 hours or before flash rusting occurs. Primer required.</p> <p><b>Aluminum</b> Remove all oil, grease, dirt, oxide and other foreign material by Solvent Cleaning per SSPC-SP1.</p> <p><b>Galvanized Steel</b> Remove all oil, grease, dirt, oxide and other foreign material by Solvent Cleaning per SSPC-SP1. When the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP7 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned.</p> <p><b>Concrete and Masonry</b> For surface preparation, refer to SSPC-SP13/NACE 6, or ICRI 03732, CSP 1-3. Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Concrete and mortar must be cured at least 28 days @ 75°F. On tilt-up and poured-in-place concrete, commercial detergents and abrasive blasting may be necessary. Fill bug holes, air pockets and other voids with ArmorSeal Crack Filler. Primer required. Brick must be allowed to weather for one year prior to surface preparation and painting.</p> <p><b>Drywall</b> Must be clean and dry. All nail heads must be set and spackled. Joints must be taped and covered with joint compound. Spackled nail heads and tape joints must be sanded smooth and all dust removed prior to the application of paint.</p> <p><b>Wood</b> Surface must be clean, dry and sound. Prime with recommended primer and paint as soon as possible. Knots and pitch streaks must be scraped, sanded and spot primed before full coat of primer is applied. All nail holes or small openings must be properly caulked.</p>	<p>Temperature: 50°F minimum, 110°F maximum (air, surface, and material) At least 5°F above dew point</p> <p>Relative humidity: 75% maximum</p> <p><b>NOTE:</b> Dryfall characteristics will be adversely affected at temperatures below 77°F or above 50% relative humidity.</p>
<b>APPLICATION EQUIPMENT</b>	
<p>The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.</p> <p><b>Reducer/Clean Up:</b> Above 80°F ..... Water Below 80°F ..... 60% denatured alcohol/40% water</p> <p><b>Airless Spray</b> Pressure ..... 2800 Hose ..... 1/4" ID Tip ..... .017"-.019" Filter ..... 60 mesh Reduction ..... Not recommended</p> <p><b>Conventional Spray</b> Gun ..... Binks 95 Fluid Nozzle ..... 63C Air Nozzle ..... 63PB Atomization Pressure ... 60 psi Fluid Pressure ..... 50 psi Reduction ..... As needed up to 10% by volume</p> <p><b>Brush</b> Brush ..... Not recommended</p> <p><b>Roller</b> Cover ..... Not recommended</p> <p>If specific application equipment is not listed above, equivalent equipment may be substituted.</p>	



**Industrial  
&  
Marine  
Coatings**

# 3.01A WATERBORNE ACRYLIC DRY FALL

B42W1  
B42T1  
B42W2  
B42BW3

FLAT WHITE  
CLEAR TINT BASE (FLAT)  
EG-SHEL WHITE  
FLAT BLACK

## APPLICATION BULLETIN

### APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Mix paint thoroughly by boxing and stirring before use.

Apply paint at the recommended film thickness and spreading rate as indicated below:

**Recommended Spreading Rate per coat:**

Wet mils:	7.0 - 11.0
Dry mils:	3.0 - 4.5
Coverage:	135 - 225 sq ft/gal approximate

**Drying Schedule @ 7.0 mils wet 50% RH:**

	@ 55°F	@ 77°F	@ 110°F
To touch:	45 minutes	30 minutes	20 minutes
To handle:	1 hour	45 minutes	30 minutes
To recoat:	2 hours	1 hour	1 hour
To cure:	2 days	4 hours	3 hours
Dry fallout:	10-20 feet	10 feet	10 feet

Drying time is temperature, humidity, and film thickness dependent.

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

### PERFORMANCE TIPS

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

During the early stages of drying, the coating is sensitive to rain, dew, high humidity and moisture condensation. Plan painting schedules to avoid these influences during the first 16-24 hours of curing.

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness, or porosity of the surface, skill, and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.

Reduction will have an adverse effect on the dryfall and flash rust characteristics of this coating.

Dryfall characteristics will be adversely affected at temperatures below 77°F or above 50% relative humidity.

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with water.

Overspray landing on hot surfaces may adhere to these surfaces. Immediately remove overspray from hot surfaces before adhesion occurs. Note that surface temperatures can be higher than air temperature.

Use EnviroToner Colorants only at the recommended levels.

Refer to Product Information sheet for additional performance characteristics and properties.

### CLEAN UP INSTRUCTIONS

Clean spills and splatters immediately with soap and warm water. Clean tools immediately after use with soap and warm water. After cleaning, flush spray equipment with Mineral Spirits, R1K4, to prevent rusting of equipment. Follow manufacturer's safety recommendations when using any solvent.

### SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

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**SHERWIN  
WILLIAMS.**



**HARMONY®**

**INTERIOR LATEX SEMI-GLOSS  
B10 SERIES**

As of 09/22/08, Complies with:		
OTC	Yes	LEED® Clv2.0 Yes
SCAQMD	Yes	LEED® NCv2.2Yes
CARB	Yes	LEED® SCv2.0Yes
MPI Spec #	147	LEED® H Yes
NAHB	Yes	LEED® Schools Yes

**CHARACTERISTICS**

**Harmony® Interior Latex Semi-Gloss** provides a durable, low-odor, anti-microbial\*, interior paint formulated without silica. You can use this product, without typical odor complaints, in **occupied** areas because of the very low odor during application and drying.

**Harmony® Coatings** meet or exceed the criteria set forth by the U. S. Green Building Council LEED-CI, Version 2.0 and LEED-NC Version 2.2. All results have been verified by our ISO 9001 Laboratory.

**Color:** Most Colors  
To optimize hide and color development, always use the recommended P-Shade primer

**Coverage:** 350-400 sq ft/gal  
@ 4 mils wet; 1.6 mils dry

**Drying Time, @ 77°F, 50% RH:**  
Touch: 1 hour  
Recoat: 4 hours  
Drying and recoat times are temperature, humidity, and film thickness dependent

**Flash Point:** N/A

**Finish:** 35 - 45 units @ 60°

**Tinting with Blend-A-Color:**

Base	oz/gal	Strength
Extra White	0-5	100%
Deep Base	4-12	100%

Addition of Blend-A-Color Tinting Color may increase the VOC.

**Vehicle Type:** Styrenated Acrylic/EVA  
**B10W00951**

**VOC (EPA Method 24):** 0 g/L; 0.0 lb/gal

**Volume Solids:** 39 ± 2%

**Water Vapor Permeance**  
ASTME96 A 2.3 perms

**Weight Solids:** 47 ± 2%

**Weight per Gallon:** 9.8 lb

\* Anti-microbial - This product contains agents which inhibit the growth of microbes on the surface of this paint film.

**SPECIFICATIONS**

**Block**  
1 ct. Loxon Block Surfacers\*  
2 cts. Harmony Interior Latex Semi-Gloss

**Drywall**  
1 ct. Harmony Interior Latex Primer  
2 cts. Harmony Interior Latex Semi-Gloss

**Masonry**  
1 ct. PrepRite Masonry Primer\*  
or Harmony Interior Latex Primer  
2 cts. Harmony Interior Latex Semi-Gloss

**Plaster**  
1 ct. PrepRite Masonry Primer\*  
or Harmony Interior Latex Primer  
2 cts. Harmony Interior Latex Semi-Gloss

**Wood, Composition Board**  
1 ct. PrepRite Classic Interior Latex Primer\*  
or Harmony Interior Latex Primer  
2 cts. Harmony Interior Latex Semi-Gloss

\* These primers contain relatively low amounts of VOCs, but could result in minor, noticeable odors.

**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer.

**Drywall**  
Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

**Masonry, Concrete, Cement, Block**  
All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with PrepRite Masonry Primer.

101.60

**HARMONY®**

**INTERIOR LATEX SEMI-GLOSS**

**B10 SERIES**



**SHERWIN  
WILLIAMS®**

<u><b>SURFACE PREPARATION</b></u>	<u><b>APPLICATION</b></u>	<u><b>CAUTIONS</b></u>
<p><b>Plaster</b> Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with clear water and allow to dry.</p> <p><b>Wood</b> Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.</p> <p><b>Mildew</b> Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.</p> <p><b>Caulking</b> Gaps between walls, ceilings, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.</p>	<p>Apply at temperatures above 50°F. No reduction necessary.</p> <p><b>Brush</b>—Use a nylon/polyester brush.</p> <p><b>Roller</b>—Use a 3/8" - 3/4" nap synthetic roller cover.</p> <p><b>Spray—Airless</b> Pressure ..... 2000 psi Tip ..... .013"-.017"</p> <p><u><b>CLEANUP INFORMATION</b></u></p> <p>Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.</p>	<p>For interior use only. Protect from freezing. Non-photochemically reactive.</p> <p><b>CAUTIONS</b> Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. <b>FIRST AID:</b> In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. <b>WARNING:</b> This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. <b>DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.</b> HOTW 09/22/2008 B10W00951 09 00</p> <p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.</p>



108.01

Formulated for use with the  
**Color-Prime™ System**

**SHERWIN  
 WILLIAMS.**

**PREPRITE® 200**  
 INTERIOR LATEX PRIMER  
**B28W200**

As of 09/22/08, Complies with:			
OTC	Yes	LEED® Clv2.0	Yes
SCAQMD	Yes	LEED® NCv2.2	Yes
CARB	Yes	LEED® CSv2.0	Yes
MPI Spec #	No	LEED® H	No
NAHB	Yes		

<u>CHARACTERISTICS</u>	<u>APPLICATION</u>	<u>SURFACE PREPARATION</u>
<ul style="list-style-type: none"> <li>Best quality <b>wall</b> primer for general purpose use under <b>flats</b> and <b>enamels</b></li> <li>Excellent coverage</li> <li>Excellent drywall sealer</li> <li>Covers dark colors, excellent for dramatic topcoat color changes</li> </ul> <p><b>Use on interior:</b></p> <ul style="list-style-type: none"> <li>Drywall</li> <li>Concrete</li> <li>Previously Painted Surfaces</li> <li>Masonry</li> </ul> <p><b>Color:</b> White</p> <p><b>Coverage:</b> 400 sq ft/gal @ 4 mils wet; 1.1 mils dry</p> <p><b>Drying Time, @ 77°F, 50% RH:</b>        Drying and recoat times are temperature, humidity and film thickness dependent.        Touch: 1 hour        Recoat: 4 hours</p> <p><b>Flash Point:</b> N/A</p> <p><b>Finish:</b> 0-5 units @ 85°</p> <p><b>Tinting</b> - For best color development, use the recommended "P"-shade primer. If desired, up to 4 oz per gallon of Blend-A-Color Toner can be used to approximate the topcoat color. Check color before use.</p> <p><b>Vehicle Type:</b> Vinyl Acrylic</p> <p style="text-align: center;"><b>B28W200</b></p> <p><b>VOC (less exempt solvents):</b> 87 g/L; 0.72 lb/gal</p> <p><b>Volume Solids:</b> 28 ± 2%</p> <p><b>Weight Solids:</b> 44 ± 2%</p> <p><b>Weight per Gallon:</b> 10.7 lb</p>	<p>Topcoat with latex, oil, water based epoxy, or solvent based epoxy on architectural applications.</p> <p>Apply at temperatures above 50°F. No reduction necessary.</p> <p><b>Brush</b> - Use a nylon/polyester brush.  <b>Roller</b> - Use a 3/8" - 3/4" nap synthetic cover.  <b>Spray - Airless</b>        Pressure .....2000 psi        Tip ..... .017"-.021"</p> <div style="border: 1px solid black; padding: 5px;"> <p><b>PrepRite 200 Interior Latex Primer</b> meets or exceeds the criteria set forth by the U. S. Green Building Council LEED-NC, Version 2.2 and CI Version 2.0. All results have been verified by our ISO 9001 Laboratory.</p> </div>	<p><b>WARNING!</b> Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.</p> <p>Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer.</p> <p><b>Drywall</b> - Fill cracks and nail holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.</p> <p><b>Masonry Concrete, Cement</b> - All surfaces must be cured. Remove all form release and curing agents. Masonry surfaces must be dry before priming. Moisture content must be 15% or lower, and the pH between 5 and 9.</p>

108.01

# PREPRITE<sup>®</sup> 200

## INTERIOR LATEX PRIMER

### B28W200



**SHERWIN  
WILLIAMS.**

#### SURFACE PREPARATION

##### **Mildew**

Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. **DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER SOLUTION.**

##### **Caulking**

Fill gaps between walls, ceilings, crown moldings, and other trim with the appropriate caulk after priming the surface.

#### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

#### CAUTIONS

For interior use only.  
Protect from freezing.

##### LABEL CAUTIONS

CAUTION contains CRYSTALLINE SILICA. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. WARNING: This product contains chemicals known to the State of California to cause cancer. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

HOTW 09/22/2008 B28W00200 27 00

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**SHERWIN  
WILLIAMS.**



**HARMONY®**

## INTERIOR LATEX FLAT B5 SERIES

As of 09/22/08, Complies with:		
OTC	Yes	LEED® Clv2.0 Yes
SCAQMD	Yes	LEED® NCv2.2Yes
CARB	Yes	LEED® CSv2.0Yes
MPI Spec #	143	LEED® H Yes
NAHB	Yes	LEED® Schools Yes

### CHARACTERISTICS

**Harmony Interior Latex Flat** provides a durable, low-odor, anti-microbial\*, interior paint formulated without silica. You can use this product, without typical odor complaints, in **occupied** areas because of the very low odor during application and drying.

**Harmony® Coatings** meet or exceed the criteria set forth by the U. S. Green Building Council LEED-CI, Version 2.0 and LEED-NC Version 2.2. All results have been verified by our ISO 9001 Laboratory.

**Color:** Most Colors

To optimize hide and color development, always use the recommended P-Shade primer

**Coverage:** 350-400 sq ft/gal  
@ 4 mils wet; 1.7 mils dry

**Drying Time, @ 77°F, 50% RH:**

Touch: 1 hour  
Recoat: 4 hours

Drying and recoat times are temperature, humidity, and film thickness dependent

**Flash Point:** N/A

**Finish:** 0 - 5 units @ 85°

**Tinting with Blend-A-Color:**

Base	oz/gal	Strength
Extra White	0-5	100%
Deep Base	4-12	100%

Addition of Blend-A-Color Tinting Color may increase the VOC.

**Vehicle Type:** EVA

**B05W00951**

**VOC (EPA Method 24):**

0 g/L; 0.0 lb/gal

**Volume Solids:** 41 ± 2%

**Water Vapor Permeance**

ASTME96A 4.8 perms

**Weight Solids:** 60 ± 2%

**Weight per Gallon:** 12.1 lb

OTC Compliant

\* Anti-microbial - This product contains agents which inhibit the growth of microbes on the surface of this paint film.

### SPECIFICATIONS

#### **Block**

1 ct. Loxon Block Surfacers\*  
2 cts. Harmony Interior Latex Flat

#### **Drywall**

1 ct. Harmony Interior Latex Primer  
2 cts. Harmony Interior Latex Flat

#### **Masonry**

1 ct. PrepRite Masonry Primer\*  
or Harmony Interior Latex Primer  
2 cts. Harmony Interior Latex Flat

#### **Plaster**

1 ct. PrepRite Masonry Primer\*  
or Harmony Interior Latex Primer  
2 cts. Harmony Interior Latex Flat

#### **Wood, Composition Board**

1 ct. PrepRite Classic Interior Latex Primer\*  
or Harmony Interior Latex Primer  
2 cts. Harmony Interior Latex Flat

\* These primers contain relatively low amounts of VOCs, but could result in minor, noticeable odors.

### SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

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#### **Drywall**

Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

#### **Masonry, Concrete, Cement, Block**

All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with PrepRite Masonry Primer.

101.09

**HARMONY<sup>®</sup>**

**INTERIOR LATEX FLAT  
B5 SERIES**



**SHERWIN  
WILLIAMS.**

<u><b>SURFACE PREPARATION</b></u>	<u><b>APPLICATION</b></u>	<u><b>CAUTIONS</b></u>
<p><b>Plaster</b> Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with clear water and allow to dry.</p> <p><b>Wood</b> Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.</p> <p><b>Mildew</b> Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.</p> <p><b>Caulking</b> Gaps between walls, ceilings, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.</p>	<p>Apply at temperatures above 50°F. No reduction necessary.</p> <p><b>Brush</b>—Use a nylon/polyester brush.</p> <p><b>Roller</b>—Use a 3/8" - 3/4" nap synthetic roller cover.</p> <p><b>Spray—Airless</b> Pressure ..... 2000 psi Tip ..... .015"-.021"</p> <p><u><b>CLEANUP INFORMATION</b></u></p> <p>Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.</p>	<p>For interior use only. Protect from freezing. Non-photochemically reactive.</p> <p><b>CAUTIONS</b> Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. <b>FIRST AID:</b> In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. <b>WARNING:</b> This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. <b>DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.</b> HOTW 09/22/2008 B05W00951 12 00</p> <p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.</p>