

Sherwin-Williams store: ANNAPOLIS
1966 A WEST ST
ANNAPOLIS, MD 21401 3931



**SHERWIN
WILLIAMS.**

Custodian

Project Color and Product Information

February 23, 2016

Custodian For :
Summer Place East Village

Annapolis , MD 21401

Presented To: HOA Director

Presented By:
KEVIN KOLLASCH
Sherwin-Williams
(443) 250-1855
swrep4516@sherwin.com

Custodian for

Summer Place East Village

February 23, 2016

Area Summaries

| Area | Substrate | Label | Color |
|---|-----------------|--------|---------------------|
| Summer Place East Village | Wood | Finish | Super White |
| Product : K33W00100 - Duration® Coating Exterior Latex Satin Super White | | | |
| Summer Place East Village | Concrete/Cement | Finish | Custom Cement Board |
| Product : K33T00254 - Duration® Coating Exterior Latex Satin Ultradeep | | | |

Custodian for

Summer Place East Village

February 23, 2016

Area Detail

Area: Summer Place East Village

Substrate: Wood

Label: Finish

Color: Super White

Product: K33W00100 - Duration® Coating Exterior Latex Satin Super White

This Product is available at this Sherwin Williams location:

Sherwin-Williams Store # 3335
ANNAPOLIS
1966 A WEST ST
ANNAPOLIS, MD 21401 3931
(410) 224-4412

Additional Comments: Duration Satin Latex - Super White

Custodian for

Summer Place East Village

February 24, 2016

Area Detail

| | |
|-------------------|---|
| Area: | Summer Place East Village |
| Substrate: | Concrete/Cement |
| Label: | Finish |
| Color: | Custom Cement Board |
| Product: | K33T00254 - Duration® Coating Exterior Latex Satin Ultra Deep |

This Product is available at this Sherwin Williams location:

Sherwin-Williams Store # 3335
ANNAPOLIS
1966 A WEST ST
ANNAPOLIS, MD 21401 3931
(410) 224-4412

Additional Comments: Color Formula for Cement Board Siding

SHERWIN-WILLIAMS 3348 02/24/16
410-732-4887 Order# 0210396
EXTERIOR ARCHITECTURAL
DURATION LATEX
SATIN B

CEMENT BOARD COLOR
CUSTOM MANUAL MATCH

| CCE*COLORANT | OZ | 32 | 64 | 128 |
|--------------|----|----|----|-----|
| W1-White | - | 28 | - | - |
| B1-Black | 6 | 14 | 1 | 1 |
| R2-Maroon | - | 37 | 1 | - |
| Y3-Deep Gold | - | 47 | 1 | 1 |

ONE GALLON
K33T00254

ULTRADEEP
650406333

VISIT WWW.MYS-W.COM

CAUTION: To assure consistent color, always order enough paint to complete the job and intermix all containers of the same color before application. Mixed colors may vary slightly from color strip or color chip.



0210396-001

Sherwin-Williams store: ANNAPOLIS

1966 A WEST ST

ANNAPOLIS, MD 21401 3931



**SHERWIN
WILLIAMS.**

Custodian

Project Color and Product Information

Reference Pages



SHERWIN-WILLIAMS.

Care and Cleaning of Interior and Exterior Coatings

Background:

Establish procedures to maintain and clean interior and exterior painted substrates. To assure maximum washability and durability, wait at least two weeks before washing the dry paint film. Exterior coatings typically are very soft and flexible to allow for expansion and contraction of the coating during changes of temperature. Any hard scrubbing of standard exterior coatings is likely to damage the film. To clean and maintain the interior and exterior surfaces, we recommend these procedures.

Concentrated Cleaners, Liquid or Dry:

- Read all the package directions before using. It is always recommended to test any cleaner on a small, inconspicuous area prior to use.
- Mix or dilute the cleaner per package instructions. Solution strength may be adjusted depending on amount and type of soil.
- Remove any heavy debris and contaminants.
- Using a sponge or cloth, wash surface dirt and marks.
- Do not allow the cleaner to dry on the surface.
- Always clean from the bottom of a wall to the top.
- Rinse the surface thoroughly.
- Repeat if necessary.

Premixed Spray Cleaners:

- Read all the package directions before using. It is always recommended to test any cleaner on a small, inconspicuous area prior to use.
- Turn spray nozzle to desired spray pattern. (Open with nozzle facing away from you.)
- Remove any heavy debris and contaminants.
- Apply the cleaner to the dirt and marks; apply just enough to wet the area.
- Using a damp sponge or cloth, wipe to remove the surface dirt and marks and any excess cleaner. For difficult stains, some scrubbing may be necessary.
- Do not allow the cleaner to dry on the surface.
- If recommended on the cleaner package, rinse the surface thoroughly.
- Repeat if necessary.
- Return spray nozzle to the closed position.

Cautions:

- Thoroughly read and understand all the label cautions prior to using any cleaner.
- Be sure that the cleaner is appropriate for the dirt/contamination.
- Do not mix together any cleaning compounds containing bleach and ammonia.
- Abrasive cleansers may damage a paint film, use very carefully.
- Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions would be advised.

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.



SHERWIN-WILLIAMS®

Care and Cleaning of Interior and Exterior Coatings

The Sherwin-Williams Company Cleaning Products

SuperDeck® Deck Wash is designed to bring back the fresh, natural look of your deck. Enjoy the self-working, no scrub formulation. This product is an excellent choice to restore your surface or to use as a pretreatment for staining, preserving, or sealing. Use on decks and outdoor furniture made of pressure treated wood, cedar, pine, and most other woods. This product is intended for exterior use only.

SuperDeck® Stain & Sealer Remover is specifically designed to remove most semi-transparent and weathered solid latex and oil-based stains from decks and other exterior wood. SuperDeck Stain & Sealer Remover allows you to change the color of your deck or siding by restoring the natural beauty of the wood. SuperDeck Stain & Sealer Remover can be used on most exterior wood surfaces such as decks, siding and fences and will remove the following stains and finishes:

- Polyurethane and some weathered latex paint.
- Oil-based toners, semi-transparent, and weathered solid stains.
- Water-based toners, semi-transparent, and weathered stain.
- Water-reducible toners, semi-transparent and weathered solid stains.
- Old, weathered, clear protective finishes.

SuperDeck Stain & Sealer Remover will restore color to severely weathered and discolored wood.

SuperDeck® Revive® Deck & Siding Brightener is a fast-acting, ready-to-use cleaner specially formulated for cedar, redwood and other highly resinous exterior woods as well as dense woods such as mahogany. Due to the chemical characteristics of these types of woods, traditional cleaners can leave the surface with an unnatural, darkened appearance. SuperDeck Revive Deck & Siding Brightener will help remove dirt and unsightly stains caused by mildew and algae, gray and weathered wood, tannin bleed and nail bleed as well as stubborn mill glaze (a surface barrier to wood coatings found on most newly installed cedar and redwood) and restore the surface to its bright, clean natural look. SuperDeck Revive Deck & Siding Brightener can be used on any new or existing exterior structure including wood decks, fences, siding, shakes, shingles, boat docks, boardwalks, outdoor furniture, picnic tables, hot tubs, planters, benches, trellises and gazebos.

H&C Concrete Etching Solution is a phosphoric acid-based etcher that has been developed to acid etch concrete surfaces before applying H&C Silicone Acrylic Concrete Sealer, H&C Shield Plus Concrete Stain, and other coatings. Uses: • Basement floors and walls • Garage floors, carports and driveways • Porches, patios, walkways, steps • Swimming pool aprons • Recreation areas • Parking structures and parking lots • Retaining walls • Containment areas • Tilt-up construction • Removes efflorescence (alkali salts) • Reduces the pH of new concrete and new mortar joints.

H&C Degreaser is a concentrated heavy-duty cleaner that will remove most automotive fluids (oil, grease, brake fluid, transmission fluid, gear fluid and antifreeze) from concrete and masonry surfaces. Its primary use is to degrease and prepare concrete, block, brick, and masonry. Features: • Removes grease and oil stains • Prepares surfaces for paints, stains, and sealers • Increases any coating's ability to bond with the surface by providing a clean substrate Recommended Uses: • Stadium Supports • Bridges and Bridge Structures • Parking Garages • Patios and Walkways • Pool Decks • Concrete Driveways • Garage Floors • Block & Stucco Walls • Athletic/Tennis/Shuffleboard Courts • Other Concrete Surfaces • Use prior to etching



BASICS OF TOUCH-UP

Often a painted area needs repair. Usually the damaged area is small and is repaired using a brush and roller. The art of repair is called "touching up" and there are many problems in making the repair as invisible as possible. Prerequisites for achieving good "touch-up" are that the paint be of the same color as the original, from the same manufacturer, from the same batch of paint and, ideally, from the same can, and that the area to be repaired has the same texture and appearance of the surrounding area.

If the "touch-up" patch is visible under all illumination conditions then it is poorly done; if one must search for it, then the "touch-up" is good.

COMPONENTS OF "TOUCH-UP"

Touch-up complaints are often not specific about what aspect makes the repair visible. In fact, there are three separate and identifiable components that can be included in a "touch-up" problem. All three components contribute to the visibility of the repair and stem from the use of different application techniques for the original paint and the repair. Usually a brush repair over an airless sprayed original will be very visible. Most of the following comments concern that situation, but they can also be applied to other combinations. On some jobs one problem may be visible, on others they may occur in combinations. It is much easier to understand the cause of the poor "touch-up" if the problem components are identified.

1. "HALO"

Halo's are created at the edge of the repair by tendrils of paint left by the brush as it enters and exits the area around the patch. Human eyes are very good at determining texture changes and are thus very sensitive to touch-up and "halo" in particular. The texture is more raised in these areas than the main part of the repair, so they produce shadows when illuminated from the far side and reflect light back to the observer when illuminated from the same side.

A painter can make the situation worse by attempting to feather the repair excessively. This creates more edge texture. Halo is diminished if the paint spreads smoothly and continuously over the original layer. If the repair paint thickens in viscosity rapidly as it is spread then it will not level well and the texture at the edge will be especially bad. Thus patching over porous paint, e.g. a flat paint, is more likely to cause a "halo" problem. In the field the "halo" problem may be alleviated by stippling with a brush or otherwise trying to duplicate the texture of the original. Diluting the repair paint by 10-15% may help by accommodating the wicking problem.

2. DIFFERENT SHEEN

This part of the "touch up" problem is noticed as a difference over the whole repair patch particularly at oblique angles. The patch appears either shiny or dull compared to the background. The effect may be accompanied by a "halo".

Features larger than three mil, e.g. brush marks, roller stipple etc., produce shadowing or reflections like the "halo", but not a change in sheen. Sheen differences are due to changes in the way the light is scattered from smaller features, i.e., roughness, in the paint surface. The shape and the arrangement of the paint ingredients are what determine this. Changes in surface roughness are most visible at grazing angles of observation and illumination. This is often the way that poor touch-ups are first noticed. Drying conditions and application technique are important factors in determining surface roughness. Although paint can be formulated to minimize their importance, sheen differences may be seen when the original paint and the repair paint are applied differently or under widely different temperature and/or humidity conditions.

3. COLOR DEVELOPMENT

This problem is much less likely to occur than the other two types of touch-up problem. It most often appears as a difference in the depth of the color rather than a color shift, and can be seen at almost any angle of observation, but particularly near the perpendicular (90° angle) in contrast to the "halo" and "sheen" components above.

Changes in the way light is scattered from within the body of the paint film are most visible straight on for both observation and illumination. Poor color touch-up results from differences in pigment particle separation caused by the differences in application techniques, e.g. brush vs. airless spray. Airless spraying inputs a very great deal of energy into paint and disperses pigment very well. Brushing or rolling shear-rates are two to three orders of magnitude less severe and may not disperse paint components in the same way.

Reprinted from The Sherwin-Williams Materials Science R&D 1991, edited August 2008

Data Pages



**SHERWIN
WILLIAMS.**

102.14

DURATION®
Exterior Latex
Satin
K33 Series

| As of 12/01/2012, Complies with: | | | |
|----------------------------------|-----|-------------|-----|
| OTC | Yes | LEED® 09 CI | N/A |
| SCAQMD | No | LEED® 09 NC | N/A |
| CARB | Yes | LEED® 09 CS | N/A |
| CARB SCM2007 | No | LEED® H | N/A |
| MPI # | No | NGBS | N/A |

| <u>DESCRIPTION</u> | <u>CHARACTERISTICS</u> | <u>APPLICATION</u> | | | | | | | | | | | | | | | |
|---|--|--------------------|--------|----------|-------------|-----|------|--------------|------|------|-----------|------|------|----------------|------|------|--|
| <p>Duration® Exterior Latex Coating is the result of advances in acrylic technology. Duration uses PermaLast® technology to provide you with the most durable and longest lasting coating available for protecting the outside of your home. VinylSafe™ Color Technology allows the use of many darker colors on vinyl siding that cannot be made in most other coatings.</p> <p>Performance One Coat Protection Self-Priming Easy Application Excellent Hiding Thicker. More Flexible Resists Blistering and Peeling</p> <p>Projects Homes Windows Gutters Trim Architectural plastics, such as shutters & gutters</p> <p>Surfaces Wood Stucco Masonry/Cement Composition Panels Aluminum Siding Vinyl Siding Galvanized Metal</p> <p>MILDEW RESISTANT. This coating contains agents that inhibit the growth of mildew on the surface of this coating.</p> | <p>Color: Most colors To optimize hide and color development, always use the recommended P-Shadow primer</p> <p>Coverage: 250-300 sq ft/gal 5.3 - 6.4 mils wet; 2.2 - 2.6 mils dry up to 7.0 mils wet; 2.8 mils dft</p> <p>Drying Time, @ 50% RH: @ 35-45°F @ 45°F + Touch: 2 hour 2 hours Recoat: 24-48 hours 4 hours Drying and recoat times are temperature, humidity, and film thickness dependent</p> <p>Flash Point: N/A Finish: 10-20 @ 60°</p> <p>Tinting with CCE:</p> <table border="1"> <thead> <tr> <th>Base</th> <th>oz/gal</th> <th>Strength</th> </tr> </thead> <tbody> <tr> <td>Extra White</td> <td>0-6</td> <td>125%</td> </tr> <tr> <td>Light Yellow</td> <td>4-15</td> <td>125%</td> </tr> <tr> <td>Deep Base</td> <td>4-15</td> <td>125%</td> </tr> <tr> <td>Ultradeep Base</td> <td>4-15</td> <td>125%</td> </tr> </tbody> </table> <p>Vehicle Type: Acrylic K33W00151</p> <p>VOC (less exempt solvents) 113 g/L; 0.94 lb/gal</p> <p>Volume Solids: 41 ± 2% Weight Solids: 53 ± 2% Weight per Gallon: 10.5 lb WVP Perms (US) 21.1 grains/(hr ft² in Hg)</p> <p style="text-align: center;"><u>CLEANUP INFORMATION</u></p> <p>Clean hands and tools immediately after use with soap and warm water. The PermaLast technology in DURATION coating, which creates the tenacious bond to the surface, also creates a tenacious bond to applicators and any other surface it comes in contact with. You may want to clean occasionally during use. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.</p> | Base | oz/gal | Strength | Extra White | 0-6 | 125% | Light Yellow | 4-15 | 125% | Deep Base | 4-15 | 125% | Ultradeep Base | 4-15 | 125% | <p>Thoroughly follow the recommended surface preparations. Most coating failures are due to inadequate surface preparation or application. Thorough surface preparation will help provide long term protection with Duration coating. On repaint work, apply one coat of Duration coating; on bare surfaces, apply two coats of Duration, allowing 4 hours drying between coats. Do not paint in direct sun. Apply at temperatures above 35°F. During application at temperatures above 80°F, Duration sets up quickly. Some adjustment in your painting approach may be required. Paint from a dry area into the adjoining wet coating area. Dries to touch in 1 hour and is ready for service overnight.</p> <p>Previously Painted Surfaces -- Spot prime bare areas with Duration, wait 4 hours, and paint the entire surface. Some specific surfaces require specialized treatment.</p> <p>Unpainted Surfaces -- Duration can be used as a self-priming coating on many bare surfaces. When used this way, the first coat of Duration acts like a coat of primer and the second coat provides the final appearance and performance. However, some specific surfaces require specialized treatment. See following surface preparations.</p> <p>When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours. Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours. On large expanses of metal siding, the air, surface, and material temperatures must be 50°F or higher.</p> <p>No reduction necessary. Brush - Use a nylon/polyester brush. Roller - Use a 3/8" - 3/4" nap synthetic cover. Spray—Airless Pressure..... 2000 psi Tip..... .015"-.019" Reduction..... none</p> |
| Base | oz/gal | Strength | | | | | | | | | | | | | | | |
| Extra White | 0-6 | 125% | | | | | | | | | | | | | | | |
| Light Yellow | 4-15 | 125% | | | | | | | | | | | | | | | |
| Deep Base | 4-15 | 125% | | | | | | | | | | | | | | | |
| Ultradeep Base | 4-15 | 125% | | | | | | | | | | | | | | | |



DURATION[®]

Exterior Latex Satin K33 Series

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. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with the appropriate primer/sealer.

Aluminum and Galvanized Steel

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, steel wool, or other abrading method.

Cement Composition Siding/Panels

Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. If the surface is new, test it for pH, if the pH is higher than 8, prime with Loxon Concrete & Masonry Primer.

Concrete, Masonry, 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 Loxon Concrete & Masonry Primer. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant.

After power washing, previously painted masonry may still have a powdery surface that should be sealed with Loxon Conditioner and then apply 1 coat of Duration.

Composition Board/Hardboard

Because of the potential for wax bleeding out of the substrate, apply 1 coat of Exterior Oil-Based Wood Primer and then topcoat.

SURFACE PREPARATION

Steel

Rust and mill scale must be removed using sandpaper, steel wool, or other abrading method. Bare steel must be primed the same day as cleaned.

Stucco

Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. If painting cannot wait 30 days, allow the surface to dry 5-7 days and prime with Loxon Concrete & Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.

Vinyl Siding

Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly.

Wood

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed.

Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. If applied to these bare woods, the first coat of **DURATION** may show some staining, but it will be trapped in the first coat. A second coat will uniform the appearance. If staining persists, spot prime severe areas with 1 coat of **Exterior Oil-Based Wood Primer** prior to using **DURATION**.

Caulking

Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.

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.

CAUTIONS

For exterior use only.
Protect from freezing.
Non-photochemically reactive.

LABEL CAUTIONS

CAUTION contains CRYSTALLINE SILICA and ZINC. 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 03/25/2013 K33W00151 22 113

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.



102.14A

DURATION[®]

Exterior Acrylic Satin K33-200 Series

| As of 07/09/2014, Complies with: | | | |
|----------------------------------|-----|-------------------------|-----|
| OTC | Yes | LEED [®] 09 CI | N/A |
| SCAQMD | Yes | LEED [®] 09 NC | N/A |
| CARB | Yes | LEED [®] 09 CS | N/A |
| CARB SCM 2007 | Yes | LEED [®] H | N/A |
| MPI | - | NGBS | N/A |

| <u>DESCRIPTION</u> | <u>CHARACTERISTICS</u> | <u>APPLICATION</u> | | | | | | | | | | | | | | | |
|--|--|--------------------|--------|----------|-------------|-----|------|--------------|------|------|-----------|------|------|----------------|------|------|--|
| <p>Duration[®] Exterior Latex Coating is the result of advances in acrylic technology. Duration uses PermaLast[®] technology to provide you with the most durable and longest lasting coating available for protecting the outside of your home.</p> <p>VinylSafe[™] Color Technology allows the use of many darker colors on vinyl siding that cannot be made in most other coatings.</p> <p><u>Performance</u></p> <ul style="list-style-type: none"> One Coat Protection Self-Priming Easy Application Excellent Hiding Thicker. More Flexible Resists Blistering and Peeling <p><u>Projects</u></p> <ul style="list-style-type: none"> Homes Windows Gutters Trim Architectural plastics, such as shutters & gutters <p><u>Surfaces</u></p> <ul style="list-style-type: none"> Wood Stucco Masonry/Cement Composition Panels Aluminum Siding Vinyl Siding Galvanized Metal <p>MILDEW RESISTANT. This coating contains agents that inhibit the growth of mildew on the surface of this coating.</p> | <p>Color: Most colors</p> <p>Coverage: 250-300 sq ft/gal 5.3 - 6.4 mils wet; 2.2 - 2.6 mils dry up to 7.0 mils wet; 2.8 mils dft</p> <p>Drying Time, 50% RH: temperature and humidity dependent @ 35-45°F @ 45°F+</p> <p>Touch: 2 hour 1 hour</p> <p>Recoat: 24-48 hours 4 hours</p> <p>Flash Point: N/A</p> <p>Finish: 10-20 @ 60°</p> <p>Tinting with CCE only:</p> <table border="0"> <thead> <tr> <th>Base</th> <th>oz/gal</th> <th>Strength</th> </tr> </thead> <tbody> <tr> <td>Extra White</td> <td>0-6</td> <td>125%</td> </tr> <tr> <td>Light Yellow</td> <td>4-15</td> <td>125%</td> </tr> <tr> <td>Deep Base</td> <td>4-15</td> <td>125%</td> </tr> <tr> <td>Ultradeep Base</td> <td>4-15</td> <td>125%</td> </tr> </tbody> </table> <p>Vehicle Type: Acrylic</p> <p>Extra White K33W00251</p> <p>VOC (less exempt solvents) <50 g/L; 0.42 lb/gal As per 40 CFR 59.406 and SOR/2009-264, s.12</p> <p>Volume Solids: 39 ± 2%</p> <p>Weight Solids: 50 ± 2%</p> <p>Weight per Gallon: 10.27 lb</p> <p><u>CLEANUP INFORMATION</u></p> <p>Clean hands and tools <i>immediately</i> after use with soap and warm water. The PermaLast technology in DURATION coating, which creates the tenacious bond to the surface, also creates a tenacious bond to applicators and any other surface it comes in contact with. You may want to clean occasionally during use. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.</p> | Base | oz/gal | Strength | Extra White | 0-6 | 125% | Light Yellow | 4-15 | 125% | Deep Base | 4-15 | 125% | Ultradeep Base | 4-15 | 125% | <p>Thoroughly follow the recommended surface preparations. Most coating failures are due to inadequate surface preparation or application. Thorough surface preparation will help provide long term protection with Duration coating. On repaint work, apply one coat of Duration coating; on bare surfaces, apply two coats of Duration, allowing 4 hours drying between coats.</p> <p>Do not paint in direct sun. Apply at temperatures above 35°F. During application at temperatures above 80°F, Duration sets up quickly. Some adjustment in your painting approach may be required. Paint from a dry area into the adjoining wet coating area. Dries to touch in 1 hour and is ready for service overnight.</p> <p>Previously Painted Surfaces -- Spot prime bare areas with Duration, wait 4 hours, and paint the entire surface. Some specific surfaces require specialized treatment.</p> <p>Unpainted Surfaces -- Duration can be used as a self-priming coating on many bare surfaces. When used this way, the first coat of Duration acts like a coat of primer and the second coat provides the final appearance and performance. However, some specific surfaces require specialized treatment. See following surface preparations.</p> <p>When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours. Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours. On large expanses of metal siding, the air, surface, and material temperatures must be 50°F or higher.</p> <p>No reduction necessary.</p> <p>Brush - Use a nylon/polyester brush.</p> <p>Roller - Use a 3/8" - 3/4" nap synthetic cover.</p> <p>Spray—Airless</p> <p>Pressure..... 2000 psi</p> <p>Tip015"-.019"</p> <p>Reduction..... none</p> |
| Base | oz/gal | Strength | | | | | | | | | | | | | | | |
| Extra White | 0-6 | 125% | | | | | | | | | | | | | | | |
| Light Yellow | 4-15 | 125% | | | | | | | | | | | | | | | |
| Deep Base | 4-15 | 125% | | | | | | | | | | | | | | | |
| Ultradeep Base | 4-15 | 125% | | | | | | | | | | | | | | | |



102.14A

DURATION[®]
Exterior Acrylic
Satin
K33-200 Series

| <u>SURFACE PREPARATION</u> | <u>SURFACE PREPARATION</u> | <u>CAUTIONS</u> |
|--|---|--|
| <p>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.</p> <p>Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with the appropriate primer/sealer.</p> <p>Aluminum and Galvanized Steel Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, steel wool, or other abrading method.</p> <p>Cement Composition Siding/Panels Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. If the surface is new, test it for pH, if the pH is higher than 8, prime with Loxon Concrete & Masonry Primer.</p> <p>Concrete, Masonry, 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 Loxon Concrete & Masonry Primer. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant.</p> <p>After power washing, previously painted masonry may still have a powdery surface that should be sealed with Loxon Conditioner and then apply 1 coat of Duration.</p> <p>Composition Board/Hardboard Because of the potential for wax bleeding out of the substrate, apply 1 coat of Exterior Oil-Based Wood Primer and then topcoat.</p> | <p>Steel Rust and mill scale must be removed using sandpaper, steel wool, or other abrading method. Bare steel must be primed the same day as cleaned.</p> <p>Stucco Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. If painting cannot wait 30 days, allow the surface to dry 5-7 days and prime with Loxon Concrete & Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.</p> <p>Vinyl Siding Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly.</p> <p>Wood Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed.</p> <p>Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. If applied to these bare woods, the first coat of DURATION may show some staining, but it will be trapped in the first coat. A second coat will uniform the appearance. If staining persists, spot prime severe areas with 1 coat of Exterior Oil-Based Wood Primer prior to using DURATION.</p> <p>Caulking Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.</p> <p>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.</p> | <p>For exterior use only. Protect from freezing. Non-photochemically reactive.</p> <p>CAUTION contains CRYSTALLINE SILICA, ZINC. 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.</p> <p>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.</p> <p>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.</p> <p>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</p> <p>HOTW 07/09/2014 K33W00251 02 34</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> |

Material Safety Data Sheets

MATERIAL SAFETY DATA SHEET

K33W100
19 00

DATE OF PREPARATION
Oct 26, 2015

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

K33W100

PRODUCT NAME

DURATION® Satin Exterior Acrylic Latex, Super White

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, OH 44115

Telephone Numbers and Websites

| | |
|---|-------------------------------------|
| Product Information | www.sherwin-williams.com |
| Regulatory Information | (216) 566-2902 www.paintdocs.com |
| Medical Emergency | (216) 566-2917 |
| Transportation Emergency* | (800) 424-9300 |
| *for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident) | |

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

| % by Weight | CAS Number | Ingredient | Units | Vapor Pressure |
|-------------|------------|-----------------------|-----------------------------|----------------|
| 1 | 64742-65-0 | Heavy Paraffinic Oil | | |
| | | ACGIH TLV | 5 mg/m3 as Mist | |
| | | OSHA PEL | 5 mg/m3 as Mist | |
| 3 | 107-21-1 | Ethylene Glycol | | 0.12 mm |
| | | ACGIH TLV | 100 MG/M3 CEILING (aerosol) | |
| | | OSHA PEL | 50 PPM CEILING | |
| 0.1 | 14464-46-1 | Cristobalite | | |
| | | ACGIH TLV | 0.025 mg/m3 as Resp. Dust | |
| | | OSHA PEL | 0.05 mg/m3 as Resp. Dust | |
| 20 | 13463-67-7 | Titanium Dioxide | | |
| | | ACGIH TLV | 10 mg/m3 as Dust | |
| | | OSHA PEL | 10 mg/m3 Total Dust | |
| | | OSHA PEL | 5 mg/m3 Respirable Fraction | |
| 5 | 1314-13-2 | Zinc Oxide | | |
| | | ACGIH TLV | Not Available | |
| | | OSHA PEL | Not Available | |
| % by Weight | | Ingredient | | |
| 0.25 | | Barium (as Ba; total) | | |

SECTION 3 — HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
INHALATION: Irritation of the upper respiratory system.

In a confined area vapors in high concentration may cause headache, nausea or dizziness.
Prolonged overexposure to hazardous ingredients in Section 2 may cause adverse chronic effects to the following organs or systems:

- the liver
- the urinary system

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

HMIS Codes

| | |
|--------------|----|
| Health | 2* |
| Flammability | 0 |
| Reactivity | 0 |

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

SECTION 4 — FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area thoroughly with soap and water.
Remove contaminated clothing and launder before re-use.

INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

INGESTION: Do not induce vomiting. Get medical attention immediately.

SECTION 5 — FIRE FIGHTING MEASURES**FLASH POINT**

Not Applicable

LEL

Not
Applicable

UEL

Not
Applicable

FLAMMABILITY CLASSIFICATION

Not Applicable

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6 — ACCIDENTAL RELEASE MEASURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Remove all sources of ignition. Ventilate the area.

Remove with inert absorbent.

SECTION 7 — HANDLING AND STORAGE**STORAGE CATEGORY**

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally.

Keep out of the reach of children.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION**PRECAUTIONS TO BE TAKEN IN USE**

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

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.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding, wirebrushing, abrading, burning or welding the dried film, wear a particulate respirator approved by NIOSH/MSHA for protection against non-volatile materials in Section 2.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|-------------------|--|
| PRODUCT WEIGHT | 11.10 lb/gal | 1330 g/l |
| SPECIFIC GRAVITY | 1.34 | |
| BOILING POINT | 212 - 500 °F | 100 - 260 °C |
| MELTING POINT | Not Available | |
| VOLATILE VOLUME | 58% | |
| EVAPORATION RATE | Slower than ether | |
| VAPOR DENSITY | Heavier than air | |
| SOLUBILITY IN WATER | Not Available | |
| pH | > 2.0, < 11.5 | |
| VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged) | | |
| 0.90 lb/gal | 108 g/l | Less Water and Federally Exempt Solvents |
| 0.41 lb/gal | 49 g/l | Emitted VOC |

SECTION 10 — STABILITY AND REACTIVITY**STABILITY — Stable****CONDITIONS TO AVOID**

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide, Oxides of Metals in Section 2

HAZARDOUS POLYMERIZATION

Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION**CHRONIC HEALTH HAZARDS**

Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

Ethylene Glycol is considered an animal teratogen. It has been shown to cause birth defects in rats and mice at high doses when given in drinking water or by gavage. There is no evidence to indicate it causes birth defects in humans.

TOXICOLOGY DATA

| CAS No. | Ingredient Name | | | |
|------------|----------------------|----------|-----|---------------|
| 64742-65-0 | Heavy Paraffinic Oil | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | Not Available |
| 107-21-1 | Ethylene Glycol | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | 4700 mg/kg |
| 14464-46-1 | Cristobalite | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | Not Available |
| 13463-67-7 | Titanium Dioxide | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | Not Available |
| 1314-13-2 | Zinc Oxide | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | Not Available |

SECTION 12 — ECOLOGICAL INFORMATION**ECOTOXICOLOGICAL INFORMATION**

No data available.

SECTION 13 — DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for extractability to determine the applicable EPA hazardous waste numbers. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 — TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

US Ground (DOT)

Not Regulated for Transportation.

Canada (TDG)

Not Regulated for Transportation.

IMO

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (ZINC OXIDE), 9, PG III, MARINE POLLUTANT, EmS F-A, S-F, ** DO NOT FREEZE

**

IMO

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (ZINC OXIDE), 9, PG III, MARINE POLLUTANT, EmS F-A, S-F, ** DO NOT FREEZE

**

IATA/ICAO

Not Regulated for Transportation.

SECTION 15 — REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

| CAS No. | CHEMICAL/COMPOUND | % by WT | % Element |
|----------|-------------------|---------|-----------|
| 107-21-1 | Ethylene Glycol | 3 | |
| | Zinc Compound | 4 | 3.5 |

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 — OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

MATERIAL SAFETY DATA SHEET

K33T254
14 00

DATE OF PREPARATION
Jan 13, 2016

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

K33T254

PRODUCT NAME

DURATION® Satin Exterior Acrylic Latex, Ultradeep Base

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, OH 44115

Telephone Numbers and Websites

| | |
|---|-------------------------------------|
| Product Information | www.sherwin-williams.com |
| Regulatory Information | (216) 566-2902 www.paintdocs.com |
| Medical Emergency | (216) 566-2917 |
| Transportation Emergency* | (800) 424-9300 |
| *for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident) | |

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

| % by Weight | CAS Number | Ingredient | Units | Vapor Pressure |
|-------------|------------|--------------|---------------------------|----------------|
| 0.1 | 14464-46-1 | Cristobalite | | |
| | | ACGIH TLV | 0.025 mg/m3 as Resp. Dust | |
| | | OSHA PEL | 0.05 mg/m3 as Resp. Dust | |

SECTION 3 — HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
INHALATION: Irritation of the upper respiratory system.

In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

HMIS Codes

| | |
|--------------|----|
| Health | 1* |
| Flammability | 0 |
| Reactivity | 0 |

SECTION 4 — FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
SKIN: Wash affected area thoroughly with soap and water.
Remove contaminated clothing and launder before re-use.
INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
INGESTION: Do not induce vomiting. Get medical attention immediately.

SECTION 5 — FIRE FIGHTING MEASURES

| | | | |
|--------------------|----------------|----------------|------------------------------------|
| FLASH POINT | LEL | UEL | FLAMMABILITY CLASSIFICATION |
| Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| | Applicable | Applicable | |

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6 — ACCIDENTAL RELEASE MEASURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Remove all sources of ignition. Ventilate the area.

Remove with inert absorbent.

SECTION 7 — HANDLING AND STORAGE**STORAGE CATEGORY**

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally.

Keep out of the reach of children.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION**PRECAUTIONS TO BE TAKEN IN USE**

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

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.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|--|--------------|
| PRODUCT WEIGHT | 9.07 lb/gal | 1086 g/l |
| SPECIFIC GRAVITY | 1.09 | |
| BOILING POINT | 212 - 213 °F | 100 - 100 °C |
| MELTING POINT | Not Available | |
| VOLATILE VOLUME | 66% | |
| EVAPORATION RATE | Slower than ether | |
| VAPOR DENSITY | Heavier than air | |
| SOLUBILITY IN WATER | Not Available | |
| pH | > 2.0, < 11.5 | |
| VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged) | | |
| | 0.25 lb/gal | 30 g/l |
| | 0.09 lb/gal | 10 g/l |
| | Less Water and Federally Exempt Solvents Emitted VOC | |

SECTION 10 — STABILITY AND REACTIVITY

STABILITY — Stable CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

TOXICOLOGY DATA

| CAS No. | Ingredient Name | | | |
|------------|-----------------|----------|-----|---------------|
| 14464-46-1 | Cristobalite | LC50 RAT | 4HR | Not Available |
| | | LD50 RAT | | Not Available |

SECTION 12 — ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

No data available.

SECTION 13 — DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 — TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

US Ground (DOT)

Not Regulated for Transportation.

DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities

Carbendazim 10 lb RQ

Canada (TDG)

Not Regulated for Transportation.

IMO

Not Regulated for Transportation.

IMO

Not Regulated for Transportation.

IATA/ICAO

Not Regulated for Transportation.

SECTION 15 — REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

| CAS No. | CHEMICAL/COMPOUND | % by WT | % Element |
|--|-------------------|---------|-----------|
| No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification. | | | |

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 — OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.