

*Utter: Marty*

# RILEY PAINT COMPANY PRODUCT DATA SHEET

## PRODUCT DESCRIPTION:

5645 SPANISH SILVER

## CHARACTERISTICS:

WEIGHT LBS./GAL: 7.50

% SOLIDS BY WEIGHT: 36.00%

% SOLIDS BY VOLUME: 28.13%

VOC: 4.80 LBS/GAL

VISCOSITY: 28-30 SEC @ EZ #2

GRIND: 7

GLOSS: 60+ @ 60 DEGREE METER

DRY OR BAKE TIME: 4 HOURS DRY TO TOUCH , DRY HARD OVERNIGHT

PENCIL HARDNESS: N/A

## SPECIFICATIONS:

STIR WELL AND APPLY OVER A CLEAN DRY SUBSTRATE AND CURE IN A WARM ENVIRONMENT.

RILEY PAINT IS A COMPANY OF TRADITIONAL VALUES OFFERING MODERN COATINGS AND TECHNOLOGY.

REVISED 8-3-95

## PRODUCT DATA SHEET

**PRODUCT DESCRIPTION:** LP3406A & LP3406B CURE AGENT. A BUFF COLORED TWO COMPONENT EPOXY COATING WITH EXCELLENT CORROSION, CHEMICAL & SOLVENT RESISTANCE.

**CHARACTERISTICS:** BLENDED AT A 4:1 RATIO BY VOLUME WITH LP3406B. ALLOW A 30-MINUTE REACTION TIME PRIOR TO SPRAYING. SHOULD BE TOPCOATED WITHIN 4 HOURS.

**DENSITY (LBS./GALLON):** 10.03

**% SOLIDS BY WEIGHT:** 65.40%

**% SOLIDS BY VOLUME:** 37.51%

**VOC:** 2.67 LBS/GAL

**VISCOSITY:** 40-50 SECONDS #2 ZAHN CUP

**POT LIFE:** 12 TO 24 HOURS

**GRIND:** 6+ HEGMAN SCALE

**GLOSS:** 10-30 @ 60° METER

**HARDNESS:** F+ AT FULL CURE

**DRY OR BAKE TIME:** 30-90 MINUTES DRY TO TOUCH. MAY BE BAKED AT 200-300°F FOR 20-40 MINUTES. REACHES MAXIMUM HARDNESS AT 7 DAYS

**REDUCTION:** XYLENE, KETONE'S (MEK, MAK, MIBK), A 3928 (ACETONE BLEND)

**SPECIFICATIONS:** STIR WELL AND APPLY OVER A CLEAN DRY SUBSTRATE.

# Riley Paint Company

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## PRODUCT DATA SHEET

**PRODUCT DESCRIPTION:** LP3665 & LP3665 CA GRAY POLYURETHANE 7:1 RATIO. A 2-COMPONENT, HIGH-SOLIDS POLYURETHANE INDUSTRIAL COATING WITH EXCELLENT EXTERIOR GLOSS AND COLOR RETENTION.

<b>CHARACTERISTICS:</b>	<b><u>A SIDE</u></b>	<b><u>B SIDE</u></b>
<b>DENSITY (LBS./GALLON):</b>	9.74	8.99
<b>% SOLIDS BY WEIGHT:</b>	59.21%	76.86%
<b>% SOLIDS BY VOLUME:</b>	44.81%	71.49%
<b>VOC:</b>	3.21 LBS/GAL	2.09 LBS/GAL
<b>VISCOSITY:</b>	REPORT ONLY #2 EZ ZAHN CUP	REPORT ONLY #2 EZ ZAHN CUP
<b>GRIND:</b>	7+ HEGMAN SCALE	N/A
<b>GLOSS:</b>	80+ @ 20° METER	N/A

**DRY TIME:** 1-3 HOURS DRY TO TOUCH, DRY HARD OVER NIGHT. MAY BE FORCE DRIED 15 MINUTES @ 200°F.

**PENCIL HARDNESS:** H AT FULL CURE

**REDUCTION:** XYLENE, N-BUTYL-ACETATE, MEK, TOLUENE

**COVERAGE:** 717 FT<sup>2</sup>/GALLON

**SPECIFICATIONS:** STIR WELL AND APPLY OVER A CLEAN DRY SUBSTRATE AND CURE IN A WARM ENVIRONMENT.

<b>HAPS</b>	<b><u>A SIDE</u></b>	<b><u>B SIDE</u></b>
Xylene	.0877	.0389
Napthalene	.0302	
Ethyl Benze	.0200	.0065
Cumene	.0169	.0194
	.1548 pounds per gallon	.0648 pounds per gallon

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## PRODUCT DATA SHEET

**PRODUCT DESCRIPTION:** Riley's 2-Component Acrylic Polyurethane is intended for use on properly prepared and/or primed metal surfaces for finishing or refinishing. Suitable applications include agricultural, construction, and industrial equipment, castings, and general metal fabrications. This is a superdurable gloss and color retention system where superior performance paint is required.

ADVANTAGES:			CHARACTERISTICS:	APPLICATION:
<b>WIDE BALANCE OF PERFORMANCE PROPERTIES:</b> <ul style="list-style-type: none"> <li>• Full Film Appearance</li> <li>• High Gloss with Excellent DOI</li> <li>• Fast Recoat Time</li> <li>• Superior Gloss and Color Retention</li> <li>• Superior Weather Durability</li> <li>• Superior Flexibility And Film Toughness</li> <li>• Superior Adhesion and Flexibility</li> <li>• Film hardness</li> <li>• Virtually any new or existing color standard can be quickly and precisely matched</li> <li>• Gloss can be matched to customer specifications</li> <li>• Can be formulated for lower Hazardous Air Pollutants—HAP's</li> </ul>			<b>GLOSS:</b> Full <b>VOLUME SOLIDS:</b> 30-50% Varies by color <b>VISCOSITY:</b> 25-55 Seconds Zahn #2  <b>SPREADING RATE:</b> 480-800 SQ. FT./GAL. At 1 Mil, No Application Loss  <b>PACKAGE LIFE:</b> 2 Years  <b>DRYING:</b> Air Dry @ 77°F (25°C) 45% RH To Touch: 90 MINUTES To Handle: 6-12 HOURS To Recoat: After 40 minutes and less than 6 hours To Pack: 24 HOURS <b>FORCE DRY:</b> Up to 200°F for 30 minutes for most colors.  <b>RECOMMENDED FILM THICKNESS:</b> WET: 3.0-6.0 MILS DRY: 1.0-2.0 MILS  <b>REDUCTION:</b> Xylene, Toluene, D-100, D-150, N-Butyl-Acetate  <b>CLEAN UP:</b> Toluene or Xylene	<b>APPLICATION PRECAUTIONS AND LIMITATIONS:</b> Apply only when air, product or surface temperature is above 50°F (10°C) and when surface temperature is at least 5°F (3°C) above the dew point. Condensation will cause paint film failure.  <b>SURFACE PREPARATION:</b> <b>METAL:</b> Apply to properly cleaned or treated metal surface. A solvent wipe to remove contaminants or sandblasting will work. Sand blasted metal may require more dry film thickness to fully cover blasted profile. Priming metal prior to topcoating is recommended for best overall properties. Preprimed surfaces may need to be lightly sanded and tacked off for best inner coat adhesion. Chemical treatment will improve the adhesion and performance properties of the paint. Treatment may consist of an iron phosphate chemical pretreatment. Riley manufactures several chemicals for surface preparation.  <b>ALUMINUM AND GALVANIZED IRON (UNTREATED):</b> Prime with a vinyl wash primer then coat with an epoxy or urethane primer followed by a topcoat.  <b>WOOD (INTERIOR):</b> No primer is required for properly prepared, previously painted surfaces. For new wood priming is recommended. Riley has specialty wood coating products that may work better.  <b>CONVENTIONAL SPRAY:</b> Reduce to the desired viscosity using a solvent that has the appropriate reduction strength and dry time. Add with agitation. Spray at 40-60 psi atomizing pressure and 15-20 psi fluid pressure. Plural component spray equipment is recommended. Viscosity 20-35 seconds #2 EZ.  <b>AIRLESS SPRAY:</b> Not recommended. Airless or Air Assisted Airless spray equipment tends to cause micro pinholes in 2-component polyurethanes.  <b>DIP:</b> Not recommended due to pot life.
<b>SOLVENT REDUCTION DATA:</b>			<b>PRODUCT LIMITATIONS:</b> <ol style="list-style-type: none"> <li>1. Must be mixed at specified mix ratio.</li> <li>2. Pot life of 2-4 hours.</li> <li>3. Should be recoated within 6 hours of ambient cure. When recoating over cured polyurethane sanding with fine sandpaper is necessary.</li> <li>4. For improved corrosion resistance or film build such as on sand blasted or rough surfaces, use an epoxy or polyurethane primer.</li> <li>5. Blocking or sticking may occur when flat surfaces are stacked before adequate cure. Allow at least 24 to 48 hours drying before stacking depending on dry film thickness.</li> <li>6. For best application of applying paint to a substrate the temperature of the paint should be between 65-90°F (18-32°C). If specified temperature is not met poor atomization can result.</li> <li>7. Stir thoroughly before and during use. Stirring is critical to maintaining consistent coating material parameters.</li> </ol>	
<b>Solvent</b>	<b>Comparative Spot Dry</b>	<b>Reduction Strength</b>		
Toluene	1 min. 5 sec.	Strong		
Xylene	2 min. 40 sec.	Strong		
D-100	6 min. 30 sec.	Average		
D-150	22 min.	Average		
N-Butyl-Acetate	2 min. 7 sec.	Strong		
Methyl Ethyl Ketone	35 sec.	Strong. Used to enhance electrostatic wrap.		

*Attn: Marty*

# RILEY PAINT COMPANY PRODUCT DATA SHEET

## PRODUCT DESCRIPTION:

PM2058A/B WHITE EPOXY SPRAY. OFFERS EXCELLENT ACID AND CHEMICAL RESISTANCE. DRIED PAINT FILM IS NON TOXIC. SUITABLE TO BE USED W FDA APPROVAL IS REQUIRED.

## CHARACTERISTICS:

WEIGHT LBS./GAL: A = 12.89                      B = 7.59  
% SOLIDS BY WEIGHT: A = 74.79%              B = 34.16%  
% SOLIDS BY VOLUME: A = 54.60%              B = 31.96%  
VOC: A = 3.25 LBS/GAL                      B = 5.00 LBS/GAL  
VISCOSITY: A = 70-80 KU                      B = 70-80 KU  
GRIND: A = 7                      B = N/A  
GLOSS: 90+ @ 60 DEGREE METER AFTER COMBINED  
DRY OR BAKE TIME: AFTER COMBINED AT A 2:1 RATIO, 1-2 HOURS TO TOU  
FULL CURE IN 7 DAYS  
PENCIL HARDNESS: 2H

## SPECIFICATIONS:

STIR WELL AND APPLY OVER A CLEAN DRY SUBSTRATE AND CURE IN A WARM ENVIRONMENT.

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# Riley Paint Company

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## PRODUCT DATA SHEET

**PRODUCT DESCRIPTION:** LP3528A & B GRAY MUNSEL 7.5 BG 5/2. A 2-COMPONENT EPOXY COATING WITH EXCELLENT CORROSION, CHEMICAL AND SOLVENT RESISTANCE.

### CHARACTERISTICS:

**DENSITY (LBS./GALLON):** A=9.00 B=7.59

**% SOLIDS BY WEIGHT:** A=52.44% B=34.12%

**% SOLIDS BY VOLUME:** A=40.30% B=31.97%

**VOC:** A=4.28 LBS/GAL B=5.00 LBS/GAL

**VISCOEITY:** A- KU REPORT ONLY B=REPORT ONLY

**GRIND:** 7+ HEGMAN SCALE

**GLOSS:** 90+ @ 60° METER

**DRY TIME:** 2-4 HOURS DRY TO TOUCH, FULL CURE @ 7 DAYS

**REDUCTION:** XYLENE, N-BUTYL-ACETATE, MEK, TOLUENE

**SPECIFICATIONS:** MIX AT A 2:1 RATIO 2 PARTS A:1 PART B. STIR WELL ALLOW FOR AT LEAST A 30 MINUTE INDUCTION TIME. APPLY OVER A CLEAN DRY SUBSTRATE AND CURE IN A WARM ENVIRONMENT. (WILL NOT CURE AT A TEMPERATURE BELOW 45°F)