

# porcelain slip

Porcelain slip is packaged in one gallon (3.79 liters) plastic jars. Also available in 2.5 gallon corrugated cartons with plastic liner for additional savings, full pallets only. Weight: 15lbs, 6 kg per gallon. Some colors are also available in quart (1 liter) containers. Weight 4lbs (2kg) per quart. Fire to cone 6. Many of our skin tone colors have been formulated as an Extended Range porcelain; they have a wider mature firing range than our other porcelains. These colors are marked with an asterisk (\*).

<b>Row 1</b>					
<b>Oriental</b> Warm, Asian skin tone.	<b>PS-9*</b>	<b>India Gold</b> This color captures the rich golden tones of India. Matching china paints DGBG02 Miraja Glow, DGSD01 Miraja Shade, DGKS02 Miraja Kiss, DGCB03 Miraja Cheek.	<b>PS-28*</b>	<b>Brown Velvet</b> Specially developed for black dolls. Dark brown. Matching china paint: DGBG09 Brown Velvet Glow.	<b>PS-6*</b>
<b>Lotus Blossum</b> Realistic Asian skin tone. Matching china paints: DGBG04 Lotus Blossum Glow, DGKS04 Lotus Blossum Kiss.	<b>PS-31*</b>	<b>French Chocolate</b> Creamy, mellow chocolate tone for lighter brown and ethnic dolls. Matching china paints: DGBG05 Cappuccino Glow, DGKS07 Mulberry Kiss, DGSD02 French Chocolate Shade.	<b>PS-19*</b>	<b>Row 2</b>	
<b>Aztec Tan</b> Golden skin tone for many Mediterranean, American Indian, and Latin complexions. Matching china paints: DGBG08 Aztec Glow.	<b>PS-23*</b>			<b>Azur Blue</b> Light blue, softer than Wedgewood Blue.	<b>PS-11G, PS-11QT</b>
<b>Mohican</b> A rich, natural skin tone for Native American dolls. Bronze color. Matching china paints: DGBG06 Mohican Glow, DGKS06 Mohican Kiss.	<b>PS-33*</b>			<b>Wedgewood Blue</b> Fires to the Wedgewood jasper ware blue.	<b>PS-4*</b>
<b>Terra Cotta</b> Rich, brownish-red skin tone.	<b>PS-10*</b>			<b>Lilac Haze</b> Soft, lilac color.	<b>PS-12G, PS-12QT</b>



**Shell Pink** PS-14G, PS-14QT  
Soft, rose color, used often for figurines.

**Satin Yellow** PS-7\*  
Strong yellow color.

**Wedgewood Green** PS-5\*, PS-5QT\*  
Fires to a Wedgewood jasper-ware green.

**Ebony** PS-18\*  
Deep charcoal black for traditional designs decorative pieces, and lace draping.

#### Row 3

**Dresden** PS-8  
Creamy, lighter skin tone than Seeley's French Bisque. Popular for baby dolls and some early French reproduction dolls.

**Pale Rose** PS-34\*  
Beautifully translucent color, lighter than French Bisque and pinker than Dresden.

**French Bisque** PS-1, PS-100\*  
Caucasian skin-tone. Available in regular (PS-1) and Extended Range (PS-100) for wider firing performance. Matching china paint: DGBG01 Body Glow, DGKS01 Melonberry Kiss.

**Naturelle** PS-26\*  
Skin tone. Darker than Seeley's French Bisque, lighter than American Bisque. Perfect for modern dolls. Matching china paints: DGBG07 Naturelle Glow, DGKS05 Naturelle Kiss.

**American Bisque** PS-21\*  
Healthy, translucent skin tone that is ideal for any modern or antique doll.

**California Sunrise** PS-30\*  
This skin tone will give your dolls a

lovely, peachy undertone. Matching china paint: DGB03 Malibu Glow, DGKS03 Malibu Kiss.

#### Row 4

**Pure White** PS-25  
Whitest white. Great for dolls and figurines.

**Nordic White** PS-24  
Blue-white created as a match to antique dolls. Beautifully translucent.

**Pearl White** PS-3  
Second only to Pure White in whiteness. Popular for dolls and figurines.

**Lady White** PS-17\*  
Our best-selling white. Developed for dolls painted with overall wash.

**Bone White** PS-2  
Creamy white. Popular for figurines, ornaments, and other decorative items. Modeling our porcelain slip is The Littlest Angel II, SC255



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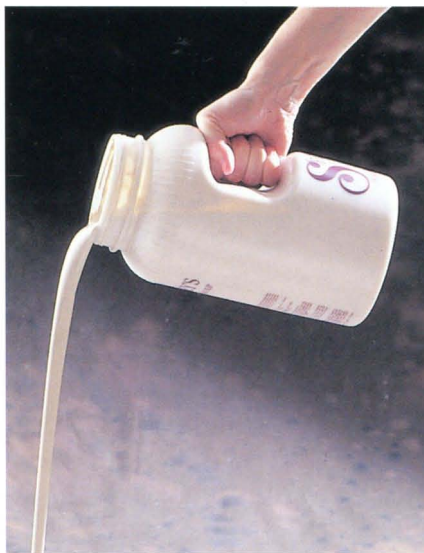
Seeley's fine-grade, no-talc porcelain slips cast easily, release quickly, and are strong in the greenware and firing. They polish to a satin sheen in the bisque and take china paints beautifully. Porcelain comes in an easy-to-use jug with solid handle. No more difficulty in casting!

## Casting

1. Stir well.
2. Use slightly damp molds. Spray or "mist" the inside of the mold with distilled water to dampen.
3. Band mold tightly and pour slowly and steadily against one side of the pour hole. Pour the slip all the way to the top of the mold, then let it "shrink" a bit and top it off.
4. Check thickness of the casting at the pour hole to determine the right moment to drain.
5. After the slip has reached the desired thickness inside the mold, generally 1/8" (2-3mm) thick, empty it back into its container slowly and continuously.
6. Leave the mold with pour hole down for additional draining. If you do not have a pouring table, let the mold rest slightly tilted on a stick. The amount of time you leave the casting inside the mold varies, but in most cases, the casting can be taken out within 20-60 minutes.
7. If a mold won't release the casting, don't force it. Leave it in a little longer, then try again. Try lifting the back half of the mold first. Wait 5-10 minutes to give the greenware a chance to shrink further; then remove the other side of the mold. Let the back of the cast head or piece fall into your cupped hand. Don't wear jewelry or hand cream.

## Soft firing bisque for Dust Free Cleaning

To clean your fired casting without producing dust, you should soft-fire your greenware to cone 018 (Approx. 1285°F to 1386°F, 697°C to 753°C). The Dust Free Cleaning technique considerably reduces health hazards in the handling of porcelain. (This technique is more fully explained in the Golden Key to Porcelain Dollmaking #GOLD-



KEY.]

**Kiln sitter operation:** Place a small cone 018 in the kiln sitter, set your kiln on Low, and fire with peepholes open for one hour. Turn the temperature up to Medium, with peepholes still open, until the kiln shuts off automatically.

**Controller operation:** Set your controller to increase in temperature at a rate of 3000°F (1648°C) per hour until it reaches 1385°F (752°C). Leave peepholes open until the kiln shuts off.

After the soft-fired ware is cool, submerge in water and clean it while it's wet - you won't have a speck of dust.

## Bisque firing

**Kiln sitter operation:** Fire on Low for 1-2 hours, peepholes open. Fire on Medium for 2-3 hours, peepholes open. (If pieces have been soft-fired, omit Low and start your kiln on Medium firing 10 minutes with lid and peepholes open. Shut the lid and fire 4 hours. Then proceed to High.) Close all peepholes, set on High and fire until kiln sitter shuts kiln off.

## Seeley's colored porcelains

For all colors except Pure, Pearl, and Nordic White, follow these directions.

**Cone firing:** Use junior cone 6 in the kiln sitter. Use witness cones 5, 6, and 7 on the kiln shelf. After firing, cone 5 should be touching on the shelf, cone 6 should be bent to a 9 to 10 o'clock position and cone 7 should not have bent at all.

**Controller firing:** Set the controller to fire 500°F (260°C) per hour to 2000°F (1094°C). Then set controller to fire 100°F (38°C) per hour to 2185°F (1197°C). Final temperature range: 2170°F to 2190°F (1189°C to 1200°C).

## Seeley's white porcelains

For Pure, Pearl, and Nordic White.

**Cone firing:** Use a junior cone 7 in the kiln sitter. Use witness cones 5, 6, and 7 on the shelf. After firing, cone 5 should be down hard (lying on shelf), cone 6 should be touching the shelf, and cone 7 should have started to bend.

**Controller firing:** Set the controller to fire 500°F (260°C) per hour to 2000°F (1094°C). Then set the controller to fire 100°F (38°C) per hour to 2205°F (1208°C). Final temperature range is 2190°F to 2205°F (1200°C to 1211°C).