

# Ultimate Blood™

## Special Effects Blood System



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*Certified  
Skin Safe!*

## PRODUCT OVERVIEW

The **Ultimate Blood™ Kit** is the most realistic and versatile liquid blood system available anywhere. It perfectly simulates human blood in how it looks and flows. **Ultimate Blood™** is ideal for creating special effects, medical training and simulation, moulage or any project in need of highest quality theatrical blood. **Ultimate Blood™** was tested and passed for skin sensitivity by an independent laboratory.

**Ultimate Blood, Ultimate Control** - Make it Thicker, Make it Thinner & Change Color. You can change the viscosity of **Ultimate Blood™** on the fly. Change color quickly with color additives. Note: **Ultimate Blood™** is not suitable for "in the mouth" use.

## ULTIMATE BLOOD™ HIGHLIGHTS

- Quickly make **Ultimate Blood™** darker, lighter, more red, less red, etc. using supplied colors.
- Quickly thicken or thin (a little or a lot) based on what you need and change again as needed. Viscosity can range from a very thick gel to very thin. Thin enough to be sprayed (or flowed) without changing color. A single batch can be thickened and thinned multiple times.
- **Ultimate Blood™** wets out over skin, silicone and other surfaces without beading up.
- **Ultimate Blood™** dries to a wet finish without changing color.
- Dried Blood remains flexible on the skin, silicone and other surfaces without cracking.
- Sweat Proof\*
- Color washes off of skin and most surfaces and also out of most fabrics.

\*The use of the supplied thinner can cause **Ultimate Blood™** to run in extremely humid conditions

## SYSTEM CONTENTS:

- **Ultimate Blood™ Base** - (8.98 oz./254.5 gms) - Standard thickness and color blood
- **Ultimate Blood™ Thixo** - (0.88 oz./25 gms) - Additive for thickening the Blood Base
- **Ultimate Blood™ Thinner** - (1.23 oz./35 gms) - Additive for thinning Blood Base
- **Ultimate Blood™ Red Tint** - (0.99 oz./28 gms) - Color additive for altering Blood Base
- **Ultimate Blood™ Yellow Tint** - (0.99 oz./28 gms) - Color additive for altering Blood Base
- **Ultimate Blood™ Blue Tint** - (0.99 oz./28 gms) - Color additive for altering Blood Base

**Ultimate Blood™ Base** is also available separately in 8.98 oz./254.5 gms size.

## PROCESSING RECOMMENDATIONS

### PREPARATION...

Store and use at 73°F/23°C. Close containers immediately after dispensing. This product has a limited shelf life and should be used as soon as possible. If compatibility or effectiveness for your application is in doubt, a small-scale test is recommended. **Humidity** – Blood will take longer to dry in a humid environment. Shake or stir well before using.

### DISPENSING & MIXING...

**Using Blood Straight** - Dispense Blood Base into a small cup or onto a pallet and apply.

**Adding Thixo, Thinner or Color** - For best results, always add a little at a time to the Blood Base to reach desired effect. Mix thoroughly with popsicle stick until desired color and viscosity are attained and apply.

### APPLYING...

**Ultimate Blood™** can be applied in various ways (depending on viscosity) including brushing it on with a chip brush, smearing it on with a popsicle stick or even drizzling or splashing it onto the surface. When the viscosity is thin, it can be sprayed through a dispenser for splatter effects.

### DRYING...

Drying time depends on ambient temperature, humidity and thickness of the blood being applied. Average dry time is 15 minutes at 1/32" (0.8 mm) thick at 73°F/23°C. Dry time can be accelerated using a hair dryer on a low setting.

## USAGE TIPS...

**Optional** - The charts below give some suggestions of various types of blood formulations that can be achieved using the Ultimate Blood™ Kit. The possibilities are endless as the combinations and recombinations are almost infinite.

Blood Type Effect	Ultimate Blood™ Base	Ultimate Red Tint	Ultimate Yellow Tint	Ultimate Blue Tint
<b>Fresh Blood</b>	¼ fl oz.	X	X	X
<b>Old Blood</b> (Aged Brown)	¼ fl oz.	5 Drops	20 Drops	25 Drops
<b>Arterial Blood</b> (Dark Blue/Purple)	¼ fl oz.	X	X	20 Drops
<b>Superficial Blood</b> (Brighter Yellow Hue)	¼ fl oz.	X	20 Drops	X
<b>Stage Blood</b> (Vibrant Red)	¼ fl oz.	20 Drops	X	X

Blood Type Effect	Ultimate Blood™ Base	Ultimate Thixo	Ultimate Thinner
<b>Coagulated Blood</b> (Thick)	¼ fl oz.	5 Drops	X
<b>Gelled Blood</b> (Thicker)	¼ fl oz.	10 Drops	X
<b>Paste Blood</b> (Thickest)	¼ fl oz.	20 Drops	X
<b>Flowing Blood</b> (Thin)	¼ fl oz.	X	5 Drops
<b>Splattered Blood</b> (Thinner)	¼ fl oz.	X	10 Drops
<b>Sprayed Blood</b> (Thinnest)	¼ fl oz.	X	15 Drops
<b>Fresh Wound Blood</b>	¼ fl oz.	X	X

## CLEAN UP...

A heavy layer of dried Ultimate Blood can be removed by gently pulling away from the skin. Residual blood can be removed from the skin using hand dishwashing soap and water on a soft cloth. Remove from fabric by applying laundry detergent directly to blood stained area and lightly scrub with a soft cloth until blood shows signs of loosening. Add more detergent and let it penetrate fabric. Soak in cold water and detergent for 30 minutes prior to laundering in a washing machine using a cold water setting.

## IF ULTIMATE BLOOD KIT COMPONENTS FREEZE...

During winter months, materials may become cold or freeze in transit. Before using, bring material to 73°F/23°C and shake all containers vigorously before using.

### **Safety First!**

The Material Safety Data Sheet (MSDS) for this or any Smooth-On product should be read prior to use and is available upon request from Smooth-On. All Smooth-On products are safe to use if directions are read and followed carefully.

#### **Keep Out of Reach of Children**

**IMPORTANT** - The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.



**Call Us Anytime With Questions About Your Application.**

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[www.smooth-on.com](http://www.smooth-on.com) is loaded with information about mold making, casting and more.