

## Mixing Base Characteristics

**ENVIROBASE®**  
HIGH PERFORMANCE

Code	Description	Characteristics
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### **BLACKS & WHITES (7)**

T400	White	Clean, high strength white. If less than 5% use T402.
T402	Trace White	Use if less than 5% of T400 is called for.
T404	Trace Blue Black	Use if less than 1% of T406 is called for.
T405	Graphite Black	Subtle blue tone on face, lightens flop on very dark metallic colors. Used primarily in metallic, pearl & effect colors.
T406	Blue Black	High strength blue shade black. If less than 1%, use T404.
T407	Jet Black	Yellow shade black. Recommended for use when deep, dark flop is required in metallic colors.
T409	Deep Black	Slightly bluer than T407 in metallic and light solid colors.

### **FLOP ADJUSTERS (4)**

T401	Ultra Fine White	Used in metallic colors to add yellow to the face and light blue tone to the flop.
T402	Trace White	Used in metallic colors to gray the face and lighten the flop.
T403	Micro White	Similar to T401. Used in metallic colors to add yellow to the face and light blue to the flop.
T491	Matting Base	Gives more coarse flake appearance and lightens the flop.

### **MIXING BASES (34)**

T411	Blue	Clean red shade phtalo blue.
T412	Transparent Blue	Mid-shade blue. Gives green tone flop. If less than 1% use T415.
T413	Bright Blue	Green shade blue with red tone flop.
T414	Rich Blue	Extreme red shade blue. Redder than T411.
T415	Trace Blue	Use if less than 1% of T412 is called for.
T420	High Strength Blue	Mid-shade blue with a green tone flop. More saturated than T412.
T421	Olive	Greenish yellow. Used primarily in metallic, pearl and effect colors.
T422	Yellow Oxide	Opaque yellow oxide. Used primarily in solid colors. If less than 1% use T423.
T423	Trace Yellow Oxide	Use if less than 1% of T422 is called for.
T425	Permanent Yellow	Medium shade yellow, less green than T421.
T426	Warm Yellow	Orange shade yellow with green tone flop. Used primarily in metallic, pearl & effect colors.
T427	Yellow	Orange shade organic yellow. Used primarily in solid colors.

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<b>MIXING BASES</b> (continued)		
T429	Transparent Golden Yellow	Transparent yellow oxide used as a weak dirty yellow. Darkens the flop in metallic, pearl & effect colors.
T430	High Strength Transparent Green	Yellow shade green.
T431	High Strength Phthalo Green	Blue shade green.
T432	Transparent Red	Transparent iron oxide used to create a red-gold tint appearance. Used primarily in metallic, pearl & effect colors.
T433	Brilliant Orange	Bright organic orange. Used primarily in solid colors.
T435	Salmon Red	Orange shade red. Yellowest of red family toners.
T436	Red Oxide	Opaque red oxide. Used primarily in solid colors. If less than 1% use T440.
T438	Rose	Magenta color used as a blue shade red. Cleaner and lighter than T444. Used primarily in metallic, pearl & effect colors.
T440	Trace Red Oxide	Use if less than 1% of T436 is called for.
T441	Carmine	Bright red. Yellower on face & flop than T438. Used primarily in metallic, pearl & effect colors.
T442	Brown	Dark brown. Gives a deeper flop than T432. Used primarily in gold metallics.
T443	Violet	Semi-transparent violet.
T444	Bordeaux	Transparent violet. Makes red metallic & pearl colors bluer. Darker on the flop than T438 & T445.
T445	Transparent Magenta	Cleaner, more transparent magenta that has a deeper & bluer flop than T438. Used primarily in metallic, pearl & effect colors.
T447	Bright Red	Organic red. Used primarily in solid colors.
T448	Russet	Dirty perylene maroon. Bluer than T436 & T442.
T4281	Solid Yellow	Bright green shade yellow. Used primarily in solid colors.
T4311	HC Green Blue	Mid-shade blue. Higher level of chroma, deeper & greener flop than T412. Used primarily in metallic, pearl & effect colors.
T4342	HC Magenta	Magenta. Higher level of chroma & deeper flop than T445. Used primarily in metallic, pearl & effect colors.
T4321	HC Yellow	Transparent yellow iron oxide. Higher level of chroma & deeper flop than T429. Used primarily in metallic, pearl & effect colors.
T4341	HC Transparent Red	Transparent red iron oxide. Higher level of chroma & deeper flop than T432. Used primarily in metallic, pearl & effect colors.
T4343	HC Organic Red	Perylene maroon.. Higher level of chroma & deeper flop than T448. Used primarily in metallic, pearl & effect colors.

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Code	Description	Characteristics
<b>PEARLS (15)</b>		
T451	Extra Fine White Pearl	White face, travels very light on the flop.
T452	Fine White Pearl	Cleaner than T451, travels lighter than T453 on the flop.
T453	White Pearl	Cleaner than T452, travels darker than T452 on the flop.
T454	Bright Red Pearl	Red iron oxide coated mica. Bright red face, travels darker than T462 on the flop.
T455	Fine Blue Pearl	Blue face. Can lighten flop in metallic & pearl colors. Travels to slightly yellowish tone on the flop in white tri-coat colors.
T456	Blue Pearl	Blue face. Travels to slightly yellowish tone on the flop in white tri-coat colors.
T457	Green Pearl	Green face. Travels to slightly reddish tone on the flop in white tri-coat colors.
T458	Blue-Green Pearl	Blue green face. Travels to greenish yellow tone on the flop in white tri-coat colors.
T459	Copper Pearl	Iron oxide coated mica. Copper face, travels to dark copper tone on the flop.
T460	Yellow Pearl	Yellow face. Travels to slightly bluish tone on the flop in white tri-coat colors.
T461	Golden Yellow Pearl	Yellow iron oxide coated mica. Gold yellow face. Travels reddish gold tone on the flop.
T462	Fine Red Pearl	Red iron oxide coated mica. Red face, travels to light red tone on the flop.
T465	Red Pearl	Red magenta face. Travels to slightly greenish tone on the flop in white tri-coat colors.
T466	Orange Pearl	Orange face. Travels to slightly green tone on the flop in white tri-coat colors.
T468	Violet Pearl	Violet face. Travels to greenish yellow tone on the flop in white tri-coat colors.
<b>METALLICS (11)</b>		
T471	Extra Fine Metallic	Extra fine metallic with a light flop.
T472	Fine Lenticular Metallic	Fine bright metallic with a darker flop than T471.
T473	Medium Metallic	Medium metallic with darker flop than T471.
T474	Fine Metallic	Fine metallic with darker flop than T471.
T475	Medium Lenticular Metallic	Medium bright metallic with a darker flop than T472.
T476	Coarse Lenticular Metallic	Coarse bright metallic with a darker flop than T475.
T477	Extra Coarse Metallic	Extra coarse metallic with a darker flop than T479.
T479	Coarse Silver Dollar Metallic	Very bright metallic with a lighter flop than T476.
T489	Medium Gold Metallic	Medium gold aluminum flake.
T4040	Orange Flash	Deep reddish-gold aluminum flake, more intense than T489.
T4700	Liquid Metal	Vacuumized metal flakes that have a unique optical effect similar to a molten metal appearance.

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Code	Description	Characteristics
<b>SPECIAL EFFECTS (23)</b>		
T4000	Crystal Silver	Sparkle bright white effect, coarser appearance & brighter than T453.
T4001	Sunbeam Gold	Sparkle bright gold effect, coarser appearance and brighter than T460.
T4002	Radiant Red	Sparkle bright red effect, coarser appearance and brighter than T454.
T4003	Galaxy Blue	Sparkle bright blue effect, coarser appearance and brighter than T456.
T4004	Stellar Green	Sparkle bright green effect, coarser appearance than T457.
T4005	Solaris Red	Sparkle bright magenta red effect, coarser appearance & brighter than T465.
T4006	Fireside Copper	Sparkle bright copper effect, coarser appearance than T459.
T4007	Cosmic Turquoise	Sparkle bright unique marine blue flake pigment.
T4008	Amethyst Dream	Sparkle bright violet effect, coarser appearance & brighter than T468.
T4018	Prism Silver	A medium particle size silver flake that creates a diffractive rainbow effect.
T4020	Green to Purple	Color shifting flake. Color shifts from green through purple.
T4021	Silver to Green	Color shifting flake. Color shifts from silver through green.
T4022	Gold to Silver	Color shifting flake. Color shifts from gold through silver.
T4023	Cyan to Purple	Color shifting flake. Color shifts from cyan through purple.
T4024	Blue to Red	Color shifting flake. Color shifts from blue through red.
T4025	Magenta to Gold	Color shifting flake. Color shifts from magenta through gold.
T4026	Red to Gold	Color shifting flake. Color shifts from red through gold.
T4031	Autumn Mystery	Special effect orange silica flake that creates a unique red to gold to bronze to green color travel.
T4032	Viola Fantasy	Special effect white silica flake that creates a unique violet to silver to green to blue color travel.
T4033	Arctic Fire	Special effect silica flake that creates a unique travel from subtle turquoise through brilliant silver to red.
T4034	Tropic Sunrise	Special effect silica flake that creates a unique color travel from green to silver to reddish orange.
T4035	Lapis Sunlight	Special effect silica flake that creates a unique color travel from gold to green to blue.
T4037	Silver Glass Flake	Silver metal-coated glass flakes, used to create bright colors with intense sparkle & flare. The effect is particularly evident in bright sunlight.

## Mixing Base Characteristics

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### Mixing Base Characteristics Summary

Black & White Toners:	7
Flop Adjuster Toners:	4
Mixing Base Toners:	34
Pearl Toners:	15
Metallic Toners:	11
Special Effect Toners:	23

**TOTAL NUMBER OF TONERS: 94**