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The dilution ratio of the chrome chemicals are:

K: Distilled Water= 1:19 (Need to diluted 24 hours before chrome, or boiling the DI water to 100 ℃, cool to 60~70 ℃ and then add K)
A1: Distilled Water=1:19
A2: Distilled Water=1:9
B: Distilled Water=1:39
H: Distilled Water=1:19

If you want to prepare 2,000ml of K, A, B, H

	K: 100ml	A1: 50ml	A2: 100ml	B:50ml	H:100ml
Distilled Water	1,900ml	950ml	900ml	1950ml	1,900ml

If you want to prepare 4,000ml of K, A, B, H

	K: 200ml	A1: 100ml	A2: 200ml	B:100ml	H:200ml
Distilled Water	3,800ml	1,900ml	1,800ml	3,900ml	3,800ml

If you want to prepare 10,000ml of K, A, B, H

	K: 500ml	A1: 250ml	A2: 500ml	B:250ml	H:500ml
Distilled Water	9,500ml	4,750ml	4,500ml	9,750ml	9,500ml

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If you want to prepare 20,000ml of K, A, B, H

	K: 1,000ml	A1: 500ml	A2: 1,000ml	B:500ml	H:1,000ml
Distilled Water	19,000ml	9,500ml	9,000ml	19,500ml	19,000ml

If you want to prepare 25,000ml of K, A, B, H

	K: 1,250ml	A1: 625ml	A2: 1,250ml	B:625ml	H:1,250ml
Distilled Water	23,750ml	11,875ml	11,250ml	24,375ml	23,750ml

The mixture of the primer and varnish:

The mixture ratio of the primer main and primer hardener are:

Primer Main : Primer Hardener = 3 : 1

If you want to prepare the total volume of the primer mixture (as the black part), you need the primer main and the hardener as below:

Primer Main	75ml	150ml	375ml	750ml	1500ml
Primer Hardener	25ml	50ml	125ml	250ml	500ml
Total	**100ml**	**200ml**	**500ml**	**1,000ml**	**2,000ml**

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The mixture ratio of the varnish main and the varnish hardener are:

Varnish Main: Varnish Hardener = 4 : 1

If you want to prepare the total volume of the varnish mixture (as the red part), you need the varnish main and the varnish hardener as below:

Varnish Main	80ml	160ml	400ml	800ml	1600ml
Varnish Hardener	20ml	40ml	100ml	200ml	400ml
Total	100ml	200ml	500ml	1,000ml	2,000ml

Note:

1. K solution need to be prepared 24 hours before use, or heating the DI water to 100 Celsius degrees and then cool down to 60~70 Celsius degrees, then add K in to the 60~70 Celsius degrees DI water);
2. After the dilution of A1 and A2 separately, then add the A2 solution to the A1 solution.
3. The use of distilled water is much, so please prepare enough distilled water and add enough to the W tank.
4. The primer or varnish, once mixed together with its hardener, it should be used soon, or the mixture will dry to solid. So please prepare appropriate amount to avoid waste.

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The whole process of chrome:

Step 1: dilute the primer with hardener, then spray the primer mixture (main primer with hardener);
Step 2: When the products completely dry, then spray the diluted chrome chemicals K, A, B, H;
Step 3: When the products completely dry, then spray the varnish mixture (varnish with hardener, if spray silver color, add 4 drops chrome agent to 100ml varnish mixture);
Step 4: Dry, finish.

Tips for chrome:

1. Before chrome, make sure the primer is completely （100%） dry;
2. Process of chrome: Spray DI Water---Then Spray K---Wait 3 seconds, Then Spray DI Water---Then Spray A&B---Then Spray H---Then Spray DI Water---Air Dry;
3. The spraying of DI water after K, make sure the object is well cleaned and there is no residue of the K solution (this process is very critical, if there is K residue, the surface of the chrome object will become very dirty;
4. K solution need to prepare 24 hours before spray chrome, until you see the K solution becomes slightly green, then you can prepare A, B, H and start the chrome work;
5. DI Water TDS Value should be below 2, test with TDS meter;
6. After the process of spray H, DI Water and air Dry, then don't touch the objects with bare hands, keep the objects away from dust, oil, scratching etc.;
7. After air dry, the chromed objects need to be dried completely before spray the varnish;
8. Prepare suitable quantity of chrome chemicals, too much preparation of chrome chemicals may cause waste.

About dilution:

1. Before diluting the concentrate, shake the concentrate vigorously to make sure there is no sediment.
2. Use glass, plastic or stainless steel containers for concentrates and diluted chemicals. Before each use, please clean the container with DI water, it is best to use a fixed container for a fixed chemical, means K container for K solution, H container for H solution etc.
3. The **dilute ratio** is calculated by weight or volume, for example, varnish: hardener=4:1, means 80g varnish main mix with 20g hardener, comes out 100g varnish mixture. K: DI Water=1:19 means 100g (ml) mix with 1900g (ml) DI water, comes out 2000g (ml) K solution.
4. The method of dilution is to add the concentrate into DI water, shake or stir evenly.

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How to use chrome agent (anti-yellowish agent):

1. It was used only for silver color;
2. Add 4 to 5 drops chrome agent to 100ml varnish mixture (varnish main with hardener) , don't add too much.

How to use pigment:

1. Add pigment to the varnish;

2. Add the pigment gradually to avoid adding too much pigment at one time to cause the color to be too dark.

How to dry the primer:

Only start timing when the oven reaches the specified temperature.
The drying of metal workpieces: high temperature drying at 80 Celsius degree for one hour (the disadvantage is easy to cause paint loss), low temperature drying at 60 Celsius degree (two hours);
The drying of plastic workpieces: low temperature 60 Celsius degree (two hours);
The drying of medium density fibreboard (MDF): spray the epoxy gray sealing primer (the paint should be adjusted as much as possible to achieve the maximum covering power), and the drying temperature is 80 Celsius degree for 1 hour, and then spray the special primer for spraying to full, high gloss and high brightness. Dry at 60 Celsius degree for 2 hours.

How to dry the varnish:

Spray varnish so the surface has full and bright color, then dry varnish at 40 Celsius degree for one hour, then dry for 24 hours.

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