

**Iron oxide red:** When **32601** iron red is mixed with other colors, it is necessary for **32601** to be mixed over 50% in order to maintain the stability of iron oxide but it is not recommended for mixing with cadmium-containing colors.

**Cadmium containing colors:** **32313** yellow, **32318** orange, **32413** green, **32623** and **32628** red can only be mixed with one another. Also, up to 5% of cyan, blue, and black and up to 20% of **32100** flux and **32210** mixing white can be mixed for these cadmium-containing colors.

**Overprinting flux:** **32100** flux is suitable as overprinting flux for all colors, but if **32601** iron red and **32808** blue become very weak, and reddish gold-containing pinks and maroons become brownish, we recommend **32101** flux instead. Overprinting flux improves color gloss and chemical durability, such as heavy metal release, alkali durability and dishwasher resistance.

**Relief flux and white:** **32192** relief flux and **32286** relief white are suitable for mixing and overprinting with all colors except cadmium containing colors. After mixing with **SELECTION 32** colors, color relief can be developed.

Mixing with cadmium containing colors show unstable color tone and babble or orange skin surface if it is overprinted.

**Underlay white:** **32220** underlay white can be under-printed and mixed with **SELECTION 32** colors in any proportions. In case of color changing defects, overprinting **32100** or **32101** flux as top of the color layer is effective. However we recommend testing the stability of colors under end-user's firing conditions before mass production. If you find unstable or color changing defects, please refer to the following guidelines.

**Cobalt-containing colors:** such as **32808** blue and **32845** cyan can be greenish.

**Chrome-containing colors:** such as **32404**, **32406** green can be yellowish and **32220** underlay white becomes yellowish tone.

**Chrome-tin violet:** such as **32900** violet can be yellowish.

**Iron red:** such as **32601** iron red can be lighter.

**Cadmium-containing colors:** such as **32313** yellow, **32318** orange, **32413** green, **32623** and **32628** red become matte surface if they are over fired.

**Gold-containing colors:** they become bluish tone.

