

Adding just sufficient medium will improve the surface of relief smoother, if it has pinhole problems. Lead-and-cadmium free onglaze colors absorb any moisture easily. Therefore, keep powder colors in a dry place. We recommend drying the color powder before using.

## 8. Color and Mixability

**SELECTION 66 and 64** colors can be mixed with each other in any proportions. However, we recommend testing the stability of mixing colors and overprinted flux colors under end-user's firing conditions before mass production. Please note following points and refer to Table 1.

**Mixing white**: To obtain pastel-color tone, it is suitable to mix **66201** mixing white.

**Mixing flux**: **66101** flux is suitable for mixing with all colors. After mixing with flux, the color is lighter and glossier.

**66838 cobalt blue**: **66838** cobalt blue is specially developed for soft-glaze, tile, bone china, vitreous china and earthenware. This color is very intensive and has a reddish, inglaze, cobalt-blue tone. This blue will not be glossy if the firing temperature is not high enough. In this case, we recommend that the firing temperature is adjusted by mixing or overprinting **66101** flux, if necessary.

**Gold containing colors**: **66901** pink, **66907** magenta and **66909** purple contain gold and silver. They are intermixable with any of **SELECTION 66 and 64** colors.

**Overprinting flux**: **66101** flux is suitable as overprinting flux for all colors except **SELECTION 64** inclusion colors. **64101** flux is suitable especially for **SELECTION 64** inclusion colors. Overprinting flux improves color gloss and chemical durability, such as heavy metal release, alkali durability and dishwasher resistance.

**Relief flux and white**: **66180** relief flux and **66280** relief white are suitable for mixing and overprinting with all colors. After mixing with **SELECTION 66 and 64** colors, color relief can be developed. It is also possible to adjust firing temperature by mixing with **66101** flux or **66201** white if necessary.

