

BARIUM SULFATE



Characteristics:

This is a source of barium oxide in glazes. Barium oxide is an alkaline earth flux of the RO-R₂O group and should be used in conjunction with another base flux. Barium contributes to matt surfaces and adds diversity to glossy glazes as well as promoting vivid colors.

Barium sulfate is used chiefly in the synthesis of pigments, as in paints and printing inks, and, because of its radiopacity, for x-ray diagnosis in medicine.

Barium Sulfate is a slightly less soluble form of barium, and is therefore slightly less dangerous than barium carbonate. However, **the sulfur content of barium sulfate introduces sulfur to the melt which must be driven off as SO₂, which is a noxious gas. Avoid using barium on ware that may be in contact with food. Raw barium is poisonous and should be handled with great care.**



POISON