

Pottery crafts Ltd.

## Technical Data Sheet.

Product Name. : Wax Emulsion Resist.

Product Number : P3384.

### Product Description.

This is white liquid of creamy consistency and is a homogeneously dispersed aqueous wax emulsion containing fine particles of wax held in suspension by carefully selected emulsifiers. The wax and emulsifier combinations are specially formulated to give the characteristics required in the emulsion.

### Properties.

The wax phase in the emulsion provides properties of water repellency, lubricity and release but being in an emulsion form makes application by brush simple.

### Characteristics.

Base Wax	:	Paraffin/Petroleum
Total Solids content	:	48%
Brookfield ViscositycP No 3 Spindle/100rpm	:	325
Water sensitivity	:	Completely stable
Acid sensitivity	:	Stable down to pH 2
Alkali sensitivity	:	Stable up to pH 11
Shear stability	:	Moderate
Dilution limits (parts water to one emulsion)	:	1000 (soft water)

### Storage.

P3384 Wax emulsion should not be allowed to freeze and must be stored above 4°C. All containers should be kept closed to prevent surface evaporation and crusting of product. Where ambient temperatures are high the containers should be protected from direct sun light. Good storage stability is up to 6 months.

### Uses.

To coat areas on clayware or bisque so that the glaze is repelled off the coated area during the dipping process. The wax resist is burnt off during firing.