



**Ethox**

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FORMULATION FOR LITHOL RUBINE DISPERSION AND INK USING ESPERSE 506

**Dispersion:**

Lithol Rubine	37.50
Esperse 506	1.67
Joncryl 71	29.76
Byk 022	1.00
Water	<u>30.07</u>
TOTAL	100.00

Pigment/binder ratio: 4.5

Add liquid ingredients and mix well; add pigment in portions, mixing well after each addition to avoid clumping. Once pigment is wetted, premix at high speed for 10 minutes. Then mill using horizontal media mill or equivalent for 10 minutes. Keep millbase temperature below 60 C.

**Ink:**

Lithol Rubine Dispersion (above)	17.5
Masstone Vehicle (below)	<u>32.5</u>
TOTAL	50.0

Pigment loading: 13.125%

**Masstone Vehicle:**

ECO 2177	68.42
Joncryl 63	26.32
Water	<u>5.26</u>
TOTAL	100.00