

## TECHNICAL DATA SHEET

### Product Details

<b>Product Name</b>	<b>Phthalo Alfa Blue</b>
<b>Color Index Name</b>	Pigment Blue 15:1
<b>Chemical Formula</b>	$C_{32}H_{16}CuN_8$
<b>Molecular Weight</b>	576
<b>Code No.</b>	MI-910 & MI-995
<b>Substance Name</b>	Copper Phthalocyanine Blue
<b>Pigment Description</b>	Phalocyanine Alfa Blue
<b>Color Index No.</b>	74160
<b>CAS No.</b>	147-14-8
<b>EINECS No.</b>	205-685-1

### Physical & Chemical Properties

<b>Physical State</b>	Solid
<b>Appearance</b>	Dry Blue Powder
<b>Odor</b>	Odorless
<b>Specific Gravity (Water=1)</b>	1.5 - 1.6
<b>Water Soluble</b>	1% Max.
<b>Sieve Residue (300 Mesh/44 micron)</b>	Max. 0.5 %
<b>Oil Absorption</b>	35 - 40 W/W
<b>Bulk Density</b>	0.3 – 0.4
<b>pH</b>	6.50 - 7.50
<b>Moisture Content</b>	1% Max.
<b>Chemical Stability</b>	Stable
<b>Hazardous ingredients</b>	Nil

### Bleed Resistance in (1-Poor : 5-Excellence)

<b>Water</b>	5
<b>Xylene</b>	5
<b>Ethanol</b>	4
<b>Linseed Oil</b>	5
<b>Methyl Ethyl Keton</b>	4

### Resistance Properties in (1-Poor : 5-Excellence)

<b>5% NaOH (Alkali)</b>	5
<b>5% HCl (Acid)</b>	5
<b>Heat (280' C/5 Min.)</b>	5

### Fastness Properties in (1-Poor : 8-Excellence)

<b>Light</b>	7
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