

Technical Data Sheet

Product Description

CI Generic Name	Pigment Blue15.4	CAS No.	147-14-8
CI No.	74160	Chemical Type	Cu,Phthalo Blue, B-mod
EINECS No.	205-685-1	Molecular Weight	576
Molecular Formula	C32H16CuN8	Chemical Name	
Chemical Name	Copper,[29H , 31H-phthalocyanineato(2-)-N29,N30,N31,N32]-,(SP-4-1)-		

REACH Pre-Registration No.	05-2115733901-49-0000 8
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Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	45-60
Bulk Density(gm/ml)	25-40
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
PH value	8 - 11
Form	Powder
Colour	Bright Greenish Blue
Odor	Orderless
Melting point/ range	480°C
Flash point	Not applicable
Flammability	Non-flammable
Ignition temperature	Not applicable
Danger of explosion	Not explosive. Dust can form an explosive mixture with air
Solubility in water	Insoluble
Vapour Pressure	Not applicable

Fastness properties

Heat	300°C
Light fastness(Mass)	7-8
Light fastness(Tint)	7-8
Weather Fastness	Mass : 5 Tint : 4-5
Over spray	4-5

Solvent Fastness

Water	5
Ethanol	5
Xylene	4
Ethyl Acetate	5
Methyl Ethyl Ketone	4
Mineral Spirit	5
Acid	5
Alkali	5

Application

Automotive	*
General Industrial	*
Decorative	**
Powder Coating	*
INK	*

Specification

Coloristic properties Strength : ± 5 % And DA , DB , DE , DC , DH ,DL : </= ± 1.00
Light fastness : Scale 1 - 8 1=Poor & 8= Excellent
Weather Fastness : Scale 1 - 5 1=Poor & 5=Excellent
oversprey : Scale 1 - 5 1=Poor & 5=Excellent
Solvent Fastness : Scale 1 - 5 1=Poor & 5=Excellent

Comments: We suggest that **PIGMENT BLUE 15.4** is suitable for ink sector

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