



Mansi Chemicals

Plot No. 273/1/2, Phase-II, G.I.D.C Industrial Estate
Vatva, Ahmedabad – 382445, Gujarat, India
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SOLVENT SOLUBLE DYES

GENERAL:

Our range of Meghapon® dyes are metal complex brilliant dyes with good solubility in cellosolve and in many other solvents. Meghapon® dyes are particularly suitable for the production of transparent and lightfast shades in general flexographic and gravure ink.

APPLICATION:

Our range of Meghapon® dyes are suitable for use in transparent lacquers, flexographic and gravure printing inks, wood stains, and for colouring anodized aluminium and plastics such as cellulose nitrate, cellulose acetate and polyester resins.

The colouration of nitrocellulose lacquers for producing transparent shades on metalized polyester film. Metal foil constitutes an important field of application for our dyes. These products are by nature suitable for a variety of applications in many other binder systems such as vinyl resins, alkyd melamine baking enamels, shellac resins and acrylic resins.

RECIPE FOR MEGHAPON® DYES IN NITROCELLULOSE SYSTEM (AIR DRYING):

Content	Parts
Meghapon® Dyes	3
Ethyl cellulose	32
N.C. Lacquer	65
Total	100

The dye is dissolved initially in ethyl cellosolve and then diluted with N.C. Lacquer

PREPARATION OF N.C LACQUER:

Content	Parts
N.C. Lacquer (I.C.I)	50
Ethyl acetate	25
Iso propyl alcohol	25
Total	100

APPLICATION:

- (1) Coating on metallized polyester film on aluminum foil printing.
- (2) To get glossy finish on leather.



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TECHNICAL SPECIFICATION	
PRODUCT NAME: MEGHAPON® BLACK RE	C.I. NAME: SOLVENT BLACK 27
APPEARANCE: BLACK POWDER	
PHYSICAL PROPERTIES:	
LIGHT FASTNESS (NITRO CELLULOSE PRINTED WET FILM 6 MICRON) (RATING 8 REPRESENTS HIGHEST FASTNESS. RATING 1 REPRESENTS LOWEST FASTNESS)	6
pH (1% SOLUTION)	6-7
SPECIFIC GRAVITY	1.75
SOLUBILITY DATA:	
	<u>Gms/Ltr.</u>
METHYL ETHYL KETON (MEK)	300
METHYL ISO BUTYL KETON (MIBK)	200
ACETONE	450
ETHYL ACETATE	100
DI ACETONE ALCOHOL	350
ETHYL CELLOSOLVE	400
ETHANOL	150
TOLUENE	TRACES
RESISTANCE TO CHEMICALS AND FOODSTUFFS: (RATING 5 REPRESENTS HIGHEST FASTNESS. RATING 1 REPRESENTS LOWEST FASTNESS)	
CAUSTIC SODA	5
ACETIC ACID	5
BUTTER/MARGARINE	5
SOAP	5
WATER 80 C (30 MINUTES)	5
COCOUNUT OIL	5
CHEESE	4

The descriptions, data and information given herein are presented in good faith and are based on our current knowledge and experience. They are provided for guidance only. We strongly recommend, that the buyer carry out their own investigations under their processing and testing conditions.