

PU CLEAR

BASE

RAW MATERIAL	QTY IN WEIGHT (Kg)
C – 1031 80%	62.00
Xylene	25.00
Butyl Acetate	9.00
Ethyl Acetate	4.00
Total	100.00

ACTIVATOR COMPOUND

RAW MATERIAL	QTY IN WEIGHT (Kg)
Desmodur L – 75	70.00
Xylene	20.00
Butyl Acetate	10.00
Total	100.00

MIXING RATIO

RAW MATERIAL	RATIO BY VOLUME
Base	15.00
Activator Compound	5.00



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Corporate & Registered Office :

165, Mahagujarat Ind. Estate, Sarkhej-Bavla Road, P.O. Moraiya,
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E-mail : mkt@macropolymers.com Website : www.macropolymers.com
CIN : U17119GJ1994PTC024006

PROPERTIES

Drying Time	Touch Dry	10 – 15 Minutes
	Tack Free	60 ± 10 Minutes
	Hard Dry	10 – 12 Hours
Pot Life	4 – 5 Hours	
DFT/Coat	20 – 25 Microns	
Gloss at 60 Degree	95	

RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
Desmodur L – 75	Bayer	Aromatic Poly-Isocyanate



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NC PAINT BLUE

RAW MATERIAL	QTY IN WEIGHT (Kg)
Beta Blue	5.00
PAT ADD DA – 701	0.50
Zinc Octate (6%)	0.50
DOP	3.00
C – 1031 80%	23.00
Mix Solvent	27.00
NC 30/50 Solution (40%)	43.00
Total	100.00

MIX SOLVENT RATIO

RAW MATERIAL	QTY IN WEIGHT (Kg)
Toluene	50.00
DAA	5.00
IPA	15.00
Ethyl Acetate	20.00
Butyl Acetate	10.00
Total	100.00

40% NC 30/50 SOLUTION RATIO

RAW MATERIAL	QTY IN WEIGHT (Kg)
NC 30/50	40.00
Toluene	30.00
DAA	5.00
IPA	10.00
Ethyl Acetate	10.00
Butyl Acetate	5.00
Total	100.00



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PROPERTIES

Specific Gravity	0.95 ± 0.03	
HG	6+	
Drying Time	Touch Dry	2 – 5 Minutes
	Tack Free	10 – 15 Minutes
	Hard Dry	30 – 45 Minutes
Gloss Level at 60 Degree	70 - 75	

RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
PAT ADD DA – 701	Patcham	Dispersing Agent
Zinc Octate (6%)	Alpha Chemie	Drier
DOP	India Glycol	Plasticizer
NC 30/50	Nitrex	Binder



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MELAMINE GLOSSY

RAW MATERIAL	QTY IN WEIGHT (Kg)
C – 1031 80%	45.00
UF – 8 IBA	35.00
n-Butanol	8.00
Xylene	11.50
PAT LE – 1019	0.50
Total	100.00

MELAMINE MATT

RAW MATERIAL	QTY IN WEIGHT (Kg)
C – 1031 80%	44.00
UF – 8 IBA	33.00
n-Butanol	8.00
Xylene	10.00
OK – 412	3.00
Ceraflour – 998	2.00
Total	100.00

MELAMINE THINNER

RAW MATERIAL	QTY IN WEIGHT (Kg)
Acetone	5.00
Ethyl Acetate	15.00
Methyl Ethyl Ketone	15.00
Toluene	25.00
n-Butanol	10.00
Butyl Acetate	30.00
Total	100.00



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MELAMINE HARDENER

RAW MATERIAL	QTY IN WEIGHT (Kg)
Para Toluene Sulfonic Acid	20.00
O Phosphoric Acid	5.00
n-Butanol	75.00
Total	100.00

MIXING RATIO

RAW MATERIAL	RATIO BY VOLUME
Base	9.00
Hardener Component	1.00

PROPERTIES

Drying Time	Touch Dry	10 – 15 Minutes
	Tack Free	60 ± 10 Minutes
	Hard Dry	10 – 12 Hours
Pot Life	4 – 6 Hours	
Gloss Level at 60 Degree	80	

RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
UF – 8	Macro Polymers	Cross Linking Agent
PAT LE – 1019	Patcham	Surface Modifier
OK – 412	Degussa	Matting Agent
Ceraflour - 998	Bayer	Matting Agent
Para Toluene Sulfonic Acid	Navdeep Chemical	Acid Catalyst



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