

# PU BASE SEALER

## BASE

RAW MATERIAL	QTY IN WEIGHT (Kg)
C – 1032 70%	39.00
Zinc Stearate	3.00
Talc	12.00
Fine Silica – 1240	12.00
Bentec P – 2	1.00
Xylene	20.00
Butyl Acetate	9.00
Ethyl Acetate	4.00
<b>Total</b>	<b>100.00</b>

## ACTIVATOR COMPOUND

RAW MATERIAL	QTY IN WEIGHT (Kg)
Desmodur L – 75	65.00
Xylene	25.00
Butyl Acetate	10.00
<b>Total</b>	<b>100.00</b>

## MIXING RATIO

RAW MATERIAL	RATIO BY VOLUME
Base	15.00
Activator Compound	5.00



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CIN : U17119GJ1994PTC024006

## PROPERTIES

Drying Time	Touch Dry	10 – 15 Minutes
	Tack Free	60 ± 10 Minutes
Sanding Time		60 – 70 Minutes

## RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
Zinc Stearate	IRRH Specialty	Minerals
Talc	20 Microns	Minerals
Fine Silica – 1240	20 Microns	Minerals
Bentec P – 2	Bentec	Dispersing Agent
Desmodur L – 75	Bayer	Aromatic Poly Isocyanate



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## NC PAINT GREEN

RAW MATERIAL	QTY IN WEIGHT (Kg)
Phthalocyanine Green	5.00
PAT ADD DA – 701	0.50
Zinc Octate (6%)	0.50
DOP	3.00
C – 1032 70%	24.00
Mix Solvent	24.00
NC 30/50 Solution (40%)	43.00
<b>Total</b>	<b>100.00</b>

### 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
<b>Total</b>	<b>100.00</b>

### 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
<b>Total</b>	<b>100.00</b>



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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
Phthalocyanine Green	Sudarshan Chemical	Pigment
PAT ADD DA – 701	Patcham	Dispersing Agent
Zinc Octate (6%)	Alpha Chemie	Drier
NC 30/50	Nitrex	Binder



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## NC WOOD FINISH CLEAR

RAW MATERIAL	QTY IN WEIGHT (Kg)
NC 30/50 (40%)	40.00
NC 10/25	12.00
DOP	2.00
C – 1032 70%	22.00
Mix Solvent	20.00
Ethyl Acetate	4.00
<b>Total</b>	<b>100.00</b>

### MIX SOLVENT RATIO

RAW MATERIAL	QTY IN WEIGHT (Kg)
Toluene	50.00
DAA	10.00
n-Butanol	10.00
Ethyl Acetate	20.00
Butyl Acetate	10.00
<b>Total</b>	<b>100.00</b>

### 40% NC 30/50 SOLUTION RATIO

RAW MATERIAL	QTY IN WEIGHT (Kg)
NC 30/50	40.00
Toluene	30.00
DAA	10.00
n-Butanol	5.00
Ethyl Acetate	10.00
Butyl Acetate	5.00
<b>Total</b>	<b>100.00</b>



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## NC 10/25 SOLUTION RATIO

RAW MATERIAL	QTY IN WEIGHT (Kg)
NC 10/25	20.00
Toluene	40.00
DAA	5.00
n-Butanol	15.00
Ethyl Acetate	12.00
Butyl Acetate	8.00
<b>Total</b>	<b>100.00</b>

## PROPERTIES

Specific Gravity	0.95 ± 0.01
Viscosity in (70Gm Clear + 90ML Mix Solvent) at 30°C Temperature in Ford Cup B – 4	25 – 30 Seconds

## RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
NC 30/50	Nitrex	Binder
NC 10/25	Nitrex	Binder
Zinc Octate (6%)	Alpha Chemie	Drier
NC 30/50	Nitrex	Binder



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## 2K PU CLEAR GLOSSY

### BASE

RAW MATERIAL	QTY IN WEIGHT (Kg)
C – 1032 70%	50.00
Xylene	34.00
Butyl Acetate	10.00
Ethyl Acetate	5.50
PAT LE – 1019	0.40
Cobalt Octate (6%)	0.10
<b>Total</b>	<b>100.00</b>

### ACTIVATOR COMPOUND

RAW MATERIAL	QTY IN WEIGHT (Kg)
Desmodur N – 75	60.00
Xylene	25.00
Butyl Acetate	10.00
Ethyl Acetate	5.00
<b>Total</b>	<b>100.00</b>

### MIXING RATIO

RAW MATERIAL	RATIO BY VOLUME
Base	3.00
Activator Compound	1.00



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## PROPERTIES

Sp. Gravity		0.91 $\pm$ 1%
Drying Time	Surface Dry	1 – 2 Hours
	Tack Free	3 – 4 Hours
	Hard Dry	Over Night
Complete Cure		7 Days
Pot Life		4 – 6 Hours
DFT Coat		15 – 20 Microns

## RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
PAT LE – 1019	Patcham	Surface Modifier
Cobalt Octate (6%)	Alpha Chemie	Drier
Desmodur N – 75	Bayer	Aliphatic Poly Isocyanate



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# MELAMINE WOOD FINISH CLEAR GLOSSY

## BASE

RAW MATERIAL	QTY IN WEIGHT (Kg)
C – 1032 70%	45.00
UF – 8 60%	35.00
n-Butanol	8.00
Xylene	11.50
Tego Additive	0.50
<b>Total</b>	<b>100.00</b>

## HARDENER

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

## THINNER

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

## MIXING RATIO

RAW MATERIAL	QTY BY VOLUME
Base	90.00
Hardener	10.00
Thinner	30.00



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## RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
UF – 8	Macro Polymers	Cross Linking Agent
Tego Additive	Tego	Additive
Para Toluene Sulfonic Acid	Navdeep Chemicals	Acid Catalyst



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# MELAMINE WOOD FINISH CLEAR MATT

## BASE

RAW MATERIAL	QTY IN WEIGHT (Kg)
C – 1032 70%	44.00
UF – 8 60%	33.00
n-Butanol	8.00
Xylene	10.00
OK – 412	3.00
Ceraflour – 998	2.00
<b>Total</b>	<b>100.00</b>

## HARDENER

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

## THINNER

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



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## MIXING RATIO

RAW MATERIAL	QTY BY VOLUME
Base	90.00
Hardener	10.00
Thinner	30.00

## RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
UF – 8	Macro Polymers	Cross Linking Agent
OK – 412	Degussa	Matting Agent
Ceraflour – 998	Bayer	Matting Agent
Para Toluene Sulfonic Acid	Navdeep Chemicals	Acid Catalyst



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# MELAMINE WOOD FINISH SEALER

## BASE

RAW MATERIAL	QTY IN WEIGHT (Kg)
C – 1032 70%	40.40
UF – 8 60%	30.00
n-Butanol	7.40
Xylene	8.40
Basofix	4.60
Talc	4.60
Fine Silica – 1240	4.60
<b>Total</b>	<b>100.00</b>

## HARDENER

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

## THINNER

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



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## MIXING RATIO

RAW MATERIAL	QTY BY VOLUME
Base	90.00
Hardener	10.00
Thinner	30.00

## RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
UF – 8	Macro Polymers	Cross Linking Agent
Basofix	20 Microns	Minerals
Talc	20 Microns	Minerals
Fine Silica - 1240	20 Microns	Minerals
Para Toluene Sulfonic Acid	Navdeep Chemicals	Acid Catalyst



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# NC SANDING SEALER

## BASE

RAW MATERIAL	QTY IN WEIGHT (Kg)
C – 1032 70%	16.00
CA – 3045 70%	10.00
NC 30/50 (1/2 Second)	14.00
NC 10/25 (20% Solution)	4.00
Zinc Stearate	6.00
Mix Solvent	50.00
<b>Total</b>	<b>100.00</b>

## 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
<b>Total</b>	<b>100.00</b>

## NC 10/25 SOLUTION RATIO

RAW MATERIAL	QTY IN WEIGHT (Kg)
NC 10/25	20.00
Toluene	40.00
DAA	5.00
n-Butanol	15.00
Ethyl Acetate	12.00
Butyl Acetate	8.00
<b>Total</b>	<b>100.00</b>



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## MIX SOLVENT RATIO

RAW MATERIAL	QTY IN WEIGHT (Kg)
Toluene	50.00
DAA	10.00
n-Butanol	10.00
Butyl Acetate	20.00
Acetone	10.00
<b>Total</b>	<b>100.00</b>

## RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
CA – 3045 70%	Macro Polymers	Binder
NC 30/50	Nitrex	Binder
NC 10/25	Nitrex	Binder
Zinc Stearate	IRRH Specialty	Minerals



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