

AIR DRYING PRIMER-GREY

RAW MATERIAL	QTY IN %
TiO ₂ Rutile	5.00
C. Black HAF	0.10
Talc (800 Mesh)	10.00
Barytes (800 Mesh)	15.00
Whiting PBR (800 Mesh)	18.00
Aluminum Stearate (Hi Gel)	0.70
Soyalecithine	0.50
D – 2050R 50%	26.00
MTO/LAWS	24.10
Mix Drier	0.50
MEK Oxime (100%)	0.10
Total	100.00

Suggested Mix Drier

Calcium Octate (6%)	10.00 Gm
Cobalt Octate (12%)	2.833 Gm
Manganese Octate (6%)	7.667 Gm
Lead Octate (36%)	10.278 Gm
MTO/LAWS	8.112 Gm
Total	38.890 Gm

PROPERTIES

Sp. Gravity	1.32 ± 3%	
HG	5 – 6+	
Viscosity at 30°C Temperature in Ford Cup B-4	75 ± 5 Second	
Drying	Surface Dry	1 – 2 Hours
	Tack Free	4 – 5 Hours
	Hard Dry	16 – 18 Hours
Gloss Level	Matt	



ISO 9001:2008



Corporate & Registered Office :

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E-mail : mkt@macropolymers.com Website : www.macropolymers.com

CIN : U17119GJ1994PTC024006

RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
TiO ₂	Dupont	Pigment
C. Black HAF	Philip Carbon	Pigment
Talc (800 Mesh)	20 Microns	Minerals
Barytes (800 Mesh)	20 Microns	Minerals
Whiting PBR (800 Mesh)	20 Microns	Extender
Aluminum Stearate (Hi Gel)	IRRH Specialty	Anti-Settling Agent
Soyalecithine	Soya Products	Dispersing Agent
MEK Oxime (100%)	Dura Chemicals	Anti-Skinning
Cobalt (12%)	Alpha Chemie	Drier
Manganese (6%)	Alpha Chemie	Drier
Calcium Octate (6%)	Alpha Chemie	Drier
Lead Octate (36%)	Alpha Chemie	Drier

AIR DRYING ZINC PHOSPHATE RED OXIDE PRIMER

RAW MATERIAL	QTY IN %
Natural Red Oxide	30.00
Zinc Phosphate	2.00
Talc (800 Mesh)	5.00
Whiting PBR (800 Mesh)	5.00
China Clay (500 Mesh)	2.00
Nilset 117	0.50
Aluminum Stearate (Hi Gel)	0.50
Emulsifier 9.5 Moles	0.2
D – 2050R 50%	28.00
MTO/LAWS	16.3
Lead Octate (18%)	0.35
Cobalt Octate (6%)	0.05
Manganese Octate (6%)	0.10
Soft Water	10.00
Total	100.00



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PROPERTIES

Sp. Gravity		1.32 \pm 3%
HG		5+
Viscosity at 30°C Temperature in Ford Cup B-4		80 \pm 10 Second
Drying	Surface Dry	1 – 2 Hours
	Tack Free	4 – 5 Hours
	Hard Dry	16 – 18 Hours
Gloss Level		Matt

***Note: For Lead Free formulation use Zirconium Octate (6%) as 2.00 %**

RAW MATERIAL DATA

Raw Material	Supplier Name	Purpose of Use
Natural Red Oxide	Sudarshan Chemical	Pigment
Zinc Phosphate	IRRH Specialty	Minerals
Talc (800 Mesh)	20 Microns	Minerals
Whiting PBR (800 Mesh)	20 Microns	Extender
Nilset – 117	Fine Organic	Anti-Settling Agent
Aluminum Stearate (Hi Gel)	IRRH Specialty	Anti-Settling Agent
Emulsifier 9.5 Moles	Rank Additive	Wetting Agent
Cobalt (6%)	Alpha Chemie	Drier
Manganese (6%)	Alpha Chemie	Drier
Lead Octate (18%)	Alpha Chemie	Drier



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