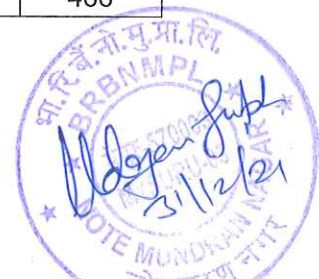


Annexure 1

Tentative annual requirements of various Raw Materials for Varnika (Ink Manufacturing Unit)

BRBNMPL, Mysuru

S No	RAW MATERIAL NAME	Tentative RM required, kg		
		2022-23	2023-24	2024-25
1	Pigment Yellow 13	16,800	17,371	18,199
2	Pigment Blue 15:3	5,829	5,975	6,795
3	Pigment Orange 34	655	676	763
4	Pigment Violet 23	2,323	2,324	3,090
5	Pigment Red 146	3,511	3,632	4,066
6	Pigment Red 166	1,868	1,903	2,314
7	Pigment Black 7	11,172	11,522	12,434
8	Pigment Green 7	673	676	673
9	Pigment Blue 60	2,196	2,196	2,927
10	Fluo. Compound Yellowish Green	802	823	893
11	Fluo. Compound Green	944	968	1,038
12	Fluo. Compound Bluish Green	56	56	55
13	Fluo. Compound Green	109	109	107
14	Fluo. Compound Orange	131	139	147
15	Fluo. Compound Yellow	83	86	91
16	Extender – Calcium Carbonate	2,53,150	2,61,972	2,91,022
17	Extender – Silica (Treated with Dimethyldichlorosilane)	28,406	29,356	32,462
18	Low Aromatic Solvent, C14-C18	9,134	9,362	10,087
19	Solvent, C10-C13	32,919	34,071	37,805
20	Solvent , C11-C14	36,455	37,712	42,030
21	Solvent, C16-C20	49,315	50,998	56,677
22	Drier (Cobalt bis (2-ethylhexanoate) and zirconium carboxylate mixed drier)	1,528	1,580	1,740
23	Anti-Oxidant	2,258	2,338	2,526
24	Pigment Red 122	68	68	91
25	Long Oil Linseed Isophthalic acid alkyd resin (Acid Value mg KOH/Gram): 20 Max	3,378	3,464	3,715
26	Long Oil Linseed Isophthalic acid alkyd resin (Acid Value mg KOH/Gram): 7 Max	1,21,393	1,25,230	1,37,463
27	Alkali Refined Linseed Oil	2,882	2,959	3,171
28	Tung / Wood Oil	72,659	75,101	82,765
29	Phenolic Modified Rosin Resin (Structured visco-elastic rosin based resin)	7,981	8,184	8,778
30	Phenolic Modified Rosin Resin (Hard Resin)	9,134	9,362	10,087
31	Fumaric Acid	11,393	11,796	13,059
32	Rosin Modified Phenolic Ester	50,518	52,308	57,894
33	Hydrophilic Fumed Silica	1,520	1,585	1,682
34	Talc (Hydrated Magnesium Silicate)	780	814	863
35	Lanis (Pharmaceutical grade water-free wool wax)	421	439	466



S No	RAW MATERIAL NAME	Tentative RM required, kg		
36	Bentone (Rheological additive based on organic derivative of bentonite clay)	578	603	640
37	Wax Type 1 – Natural Wax	26,580	27,507	30,542
38	Wax Type 2 - Synthetic Paraffin Wax	6,550	6,778	7,531
39	Colour Shift Pigment	3,917	4,083	4,333

Any further queries and details may be sought from the office of The General Manager (PP), Varnika, Bharatiya Reserve Bank Note Mudran Private Limited, Mysuru. Ph: 0821-2469081

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