

INDUSTRIAL PAINT FORMULATIONS E BOOKS



**INDUSTRIAL
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FORMULATIONS
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INDUSTRIAL PAINT FORMULATIONS E BOOKS



CELLULOSE

PUTTY

FORMULATIONS

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**WHITE
CELLULOSE PUTTY
PRODUCTION PROCESS – I**

NO	INGREDIENTS	W/W
	PART A	
1	SHORT OIL ALKYD RESIN	11
2	WETTING AGENT	0.40
3	TITANIUM DIOXIDE	1
4	CALCITE (3 MICRON)	35
5	TALC	11.6
6	CELLULOSE THINNER	10
	PART B	
7	NITROCELLULOSE (% 27)	10
8	CELLULOSE THINNER	10
	PART C	
9	SHORT OIL ALKYD RESIN	11
	TOTAL	100 KG

PROCESS A: Charge **part A** in the process tank. Start to mix at high speed for about 700 revulation / Min for about 20 – 25 minutes. Add **part B** (nitrocellulose + cellulose thinner) in part to part during at high speed for about 15 – 20 minutes. Add **part C** while mixing high speed for about 30 minutes. Continue to mix until homogenous. If homogeneous is enough. Process is completed.

**WHITE
CELLULOSE PUTTY
PRODUCTION PROCESS – 2**

NO	INGREDIENTS	W/W
	PART A	
1	SHORT OIL ALKYD RESIN	10
2	WETTING AGENT	0.40
3	TITANIUM DIOXIDE	1
4	CALCITE (3 MICRON)	40.6
5	TALC	10
6	CELLULOSE THINNER	10
	PART B	
7	NITROCELLULOSE (% 27)	10
8	CELLULOSE THINNER	8
	PART C	
9	SHORT OIL ALKYD RESIN	10
	TOTAL	100 KG

PROCESS :Charge **part A** in the process tank. Start to mix at high speed for about 700 revulation / Min for about 20 – 25 minutes. Add **part B** (nitrocellulose + cellulose thinner) in part to part during at high speed for about 15 – 20 minutes. Add **part C** while mixing high speed for about 30 minutes. Continue to mix until homogenous. If homogeneous is enough. Process is completed.

**WHITE
CELLULOSE PUTTY
PRODUCTION PROCESS – 3**

NO	INGREDIENTS	W/W
	PART A	
1	SHORT OIL ALKYD RESIN	8
2	WETTING AGENT	0.40
3	TITANIUM DIOXIDE	1
4	CALCITE (3 MICRON)	39.6
5	TALC	15
6	CELLULOSE THINNER	10
	PART B	
7	NITROCELLULOSE (% 27)	8
8	CELLULOSE THINNER	8
	PART C	
9	SHORT OIL ALKYD RESIN	10
	TOTAL	100 KG

PROCESS: Charge **part A** in the process tank. Start to mix at high speed for about 700 revulation / Min for about 20 – 25 minutes. Add **part B** (nitrocellulose + cellulose thinner) in part to part during at high speed for about 15 – 20 minutes. Add **part C** while mixing high speed for about 30 minutes. Continue to mix until homogenous. If homogeneous is enough. Process is completed.

**GREY
CELLULOSE PUTTY
PRODUCTION PROCESS – I**

NO	INGREDIENTS	W/W
	PART A	
1	SHORT OIL ALKYD RESIN	11
2	WETTING AGENT	0.40
3	TITANIUM DIOXIDE	1
4	BLACK PIGMENT POWDER	0.6
5	CALCITE (3 MICRON)	35
6	TALC	11
7	CELLULOSE THINNER	10
	PART B	
8	NITROCELLULOSE (% 27)	10
9	CELLULOSE THINNER	10
	PART C	
10	SHORT OIL ALKYD RESIN	11
	TOTAL	100 KG

PROCESS :Charge **part A** in the process tank. Start to mix at high speed for about 700 revulation / Min for about 20 – 25 minutes. Add **part B** (nitrocellulose + cellulose thinner) in part to part during at high speed for about 15 – 20 minutes. Add **part C** while mixing high speed for about 30 minutes. Continue to mix until homogenous. If homogeneous is enough. Process is completed.

**GREY
CELLULOSE PUTTY
PRODUCTION PROCESS – 2**

NO	INGREDIENTS	W/W
	PART A	
1	SHORT OIL ALKYD RESIN	10
2	WETTING AGENT	0.40
3	TITANIUM DIOXIDE	1
4	BLACK PIGMENT POWDER	0.3
5	CALCITE (3 MICRON)	40.3
6	TALC	10
7	CELLULOSE THINNER	10
	PART B	
8	NITROCELLULOSE (% 27)	10
9	CELLULOSE THINNER	8
	PART C	
10	SHORT OIL ALKYD RESIN	10
	TOTAL	100 KG

PROCESS : Charge **part A** in the process tank. Start to mix at high speed for about 700 revulation / Min for about 20 – 25 minutes. Add **part B** (nitrocellulose + cellulose thinner) in part to part during at high speed for about 15 – 20 minutes. Add **part C** while mixing high speed for about 30 minutes. Continue to mix until homogenous. If homogeneous is enough. Process is completed.

**GREY
CELLULOSE PUTTY
PRODUCTION PROCESS – 3**

NO	INGREDIENTS	W/W
	PART A	
1	SHORT OIL ALKYD RESIN	8
2	WETTING AGENT	0.40
3	TITANIUM DIOXIDE	1
4	BLACK PIGMENT POWDER	0.25
5	CALCITE (3 MICRON)	39.35
6	TALC	15
7	CELLULOSE THINNER	10
	PART B	
8	NITROCELLULOSE (% 27)	8
9	CELLULOSE THINNER	8
	PART C	
10	SHORT OIL ALKYD RESIN	10
	TOTAL	100 KG

PROCESS : Charge **part A** in the process tank. Start to mix at high speed for about 700 revulation / Min for about 20 – 25 minutes. Add **part B** (nitrocellulose + cellulose thinner) in part to part during at high speed for about 15 – 20 minutes. Add **part C** while mixing high speed for about 30 minutes. Continue to mix until homogenous. If homogeneous is enough. Process is completed.