

in Water soluble alkyd

Other water based coatings

Sudarshan formulation No. 21459

Rev. Number: 01.01

01/21

Function	Product	Producer	PBW
Short oil alkyd	WorléeSol 61 A, 75% BG/sec. BuOH 1:1	Worlée-Chemie	11.70
Neutralizing agent	Ammonia, 25%		0.50
Water soluble after neutralization with ammonia, 25%.			
	Demi. water		20.00
Coalescing agent	DOWANOL™ PnB	Dow	1.20
Add while stirring.			
Anticorrosive pigment	HEUCOPHOS® ZPO	Sudarshan	7.55
Corrosion inhibitor	Loxanol® MI 6627	BASF	1.65
Calcium carbonate	Omyacarb® 2	Omya	7.65
Magnesium silicate	MISTRON® 75-6 A	Imerys	3.75
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	6.70
Dispersing agent	Hydropalat® 535 N		0.50
Drier	SOLAPLEX® WEB Cobalt 8%	Venator	0.25
Drier	Nuodex® WEB Manganese 9	Venator	0.20
Grind 20 minutes with a bead mill.			
	Demi. water		2.90
Solvent	Butyl glycol		1.70
Add while stirring.			
Short oil alkyd	WorléeSol 61 A, 75% BG/sec. BuOH 1:1	Worlée-Chemie	12.70
Neutralizing agent	Ammonia, 25%		0.60
Water soluble after neutralization with ammonia, 25%.			
	Demi. water		18.75
Premix and add to the grind.			
Antiskinning agent	Exkin® 2	Venator	0.10
Coalescing agent	DOWANOL™ PnB	Dow	1.60
Add while stirring.			
			100.00
Adjust pH 8.2 - 8.5 with ammonia, 25%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			24.8
PVC in %			34.3

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