

in Aircraft primer

Specialty coatings

Sudarshan formulation No. 02224

Rev. Number: 01.01

02/02

Function	Product	Producer	PBW
Component A			
Epoxy resin	Araldite® GT 6071	Huntsman Advanced Materials	18.40
Solvent	Xylene		9.25
Wetting and dispersing agent	LIPOTIN® DB	Evonik	0.25
Solvent	Methoxypropyl acetate		3.10
Premix.			
Anticorrosive pigment	HEUCOPHOS® SRPP	Sudarshan	15.40
Magnesium silicate	Microtalc™ IT Extra	Elementis	7.60
Iron oxide yellow pigment	BAYFERROX® 3920	LANXESS	4.60
Titanium dioxide	KRONOS® 2190	KRONOS	3.40
Barium sulfate	Albasoft 70	Sachtleben Minerals	4.95
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	0.10
Rheology modifier	BENTONE® SD-1	Elementis	0.10
Grind with a bead mill.			
Epoxy resin	Araldite® GT 6071	Huntsman Advanced Materials	9.20
Solvent	Methoxypropyl acetate		4.30
Add while stirring.			
			80.65
Component B			
Curing agent	Aradur® 3776 XW 55	Huntsman Advanced Materials	11.00
Solvent	n-Butyl alcohol		1.20
Solvent	1-Propanol		1.35
Solvent	Solvesso™ 100	ExxonMobil	2.90
Coalescing agent	DOWANOL™ PM	Dow	2.90
Premix and add while stirring.			
			19.35
Mix components A and B thoroughly prior to use.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			47.0
PVC in %			41.5
PVC / CPVC			0.8
Solids in %			59.0

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