

in Aircraft primer

Specialty coatings

Sudarshan formulation No. 410-10

Rev. Number: 01.01

10/07

Function	Product	Producer	PBW
Component A			
Epoxy resin	Araldite® GT 6071	Huntsman Advanced Materials	18.30
Solvent	Xylene		9.60
Emulsifier	Soya lecithin		0.30
Coalescing agent	DOWANOL™ PMA	Dow	3.20
Premix.			
Anticorrosive pigment	HEUCOPHOS® SAPP	Sudarshan	13.20
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	1.50
Magnesium silicate	Microtalc™ IT Extra	Elementis	7.60
Iron oxide yellow pigment	BAYFERROX® 3920	LANXESS	4.50
Titanium dioxide	KRONOS® 2190	KRONOS	3.40
Barium sulfate	Albasoft 70	Sachtleben Minerals	4.90
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	0.10
Rheology modifier	BENTONE® SD-1	Elementis	0.60
Grind with a bead mill.			
Epoxy resin	Araldite® GT 6071	Huntsman Advanced Materials	9.10
Coalescing agent	DOWANOL™ PMA	Dow	4.50
Add while stirring.			
			80.80
Component B			
Curing agent	Aradur® 3776 XW 55	Huntsman Advanced Materials	10.95
Solvent	n-Butyl alcohol		1.20
Solvent	1-Propanol		1.35
Solvent	Solvesso™ 100	ExxonMobil	2.85
Coalescing agent	DOWANOL™ PM	Dow	2.85
Premix and add while stirring.			
			19.20
Mix components A and B thoroughly prior to use.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			47.0
PVC in %			36.0
CPVC in %			45.0
PVC / CPVC			0.8

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