

Zinc Phosphate PZ20 in SB Epoxy 2K

Guiding formulation/REF 026118ML1
EPIKOTE 1001 ARADUR 43BD

ZINC PHOSPHATES

Dry film thickness: 50µm
Application over CRS using a spray gun
Salt spray resistance 600hrs according to the ASTM B-117

RAW-MATERIALS	% WEIGHT	DESCRIPTION	SUPPLIERS
PART A			
Mix in the following order			
EPIKOTE 1001/XYLENE 50/50 w/w	25.4	Epoxy resin	HEXION
SOLVESSO 100	7.9	Solvent	EXXON CHEMICAL
ISOBUTYLIC ALCOHOL	1.8	Solvent	
DOWANOL PMA	8.0	Glycol ester, solvent	DOW
NUODEX 10% Ca	0.5	Dispersing agent	VENATOR
BENTONE SD2	0.2	Rheological additive	ELEMENTIS
<i>mix until homogeneous preparation</i>			
TiO ₂ TR92	4.8	Titanium dioxide rutile	VENATOR
Zinc Phosphate PZ20	8.0	Anticorrosion pigment	SNCZ
BAYFERROX 3920	5.7	Tinting pigment	LANXESS
TALC 10M2	9.0	Filler	IMERYS
MICA SOFT 15	10.0	Filler	CMMP
THIXATROL ST	0.2	Thixotropic additive	ELEMENTIS
<i>grind for 40 min. till 5 on a Hegman gauge</i>			
BUTYL ACETATE	2.6	Solvent	
CERECOR M50	2.6	Chlorinated paraffin, Plasticizer	INEOS
DUOMEEN TDO	0.2	Cationic surfactant	NOURYON
PART B			
XYLENE	4.1	Solvent	
DOWANOL PMA	4.1	Glycol ester, solvent	DOW
ARADUR 43 BD	4.9	Cycloaliphatic polyamine	VENATOR
TOTAL WEIGHT	100		



45/49, Chaussée Jules César – F-95250 Beauchamp

tech.support@sncz.net

+33 1 30 40 57 57

www.sncz.com

Properties :

PVC % :	39.27
Solids % :	58.56
Volumic solids % :	39.27
Pigment/Binder ratio (vol.)	0.65



The information herein is general information designed to assist customers in determining whether our products are suitable for their applications. We require customers to check the suitability of our products for their specific application. We cannot accept liability for the application and processing of our products where it lies out of our control.

15/04/2020
GF_080 v0.02



Zinc Phosphate PZ20 in 2K SB Epoxy Amide

Guiding formulation/REF 025118ML1
EPIKOTE 1001 ARADUR 115X70

Dry film thickness: 50µm
Application over CRS using a spray gun
Salt spray resistance 600hrs according to the ASTM B-117

RAW-MATERIALS	% WEIGHT	DESCRIPTION	SUPPLIERS
PART A			
<i>Mix in the following order</i>			
EPIKOTE 1001/XYLENE 50/50 w/w	22.90	Epoxy resin	HEXION
SOLVESSO 100	7.20	Solvent	EXXON CHEMICAL
ISOBUTYLIC ALCOHOL	1.60	Solvent	
DOWANOL PMA	7.30	Glycol ester, solvent	DOW
NUODEX 10% Ca	0.50	Dispersing agent	VENATOR
BENTONE SD2	0.15	Rheological additive	ELEMENTIS
<i>mix until homogeneous preparation</i>			
TiO ₂ TR92	4.30	Titanium dioxide rutile	VENATOR
ZINC PHOSPHATE PZ20	8.00	Anticorrosion pigment	SNCZ
BAYFERROX 3920	5.10	Tinting pigment	LANXESS
TALC 10M2	9.30	Filler	IMERYS
MICA SOFT 15	10.70	Filler	CMMP
THIXATROL ST	0.20	Thixotropic additive	ELEMENTIS
<i>grind for 40 min. till 5 on a Hegman gauge</i>			
BUTYL ACETATE	2.50	Solvent	
CERECLOR M50	2.40	Plasticizer	INEOS
DUOMEEN TDO	0.15	Cationic surfactant	NOURYON
PART B			
XYLENE	3.00	Solvent	
EPILINK 230	0.30	Epoxy curing accelerator	EVONIK
ARADUR 115X70 BD	14.40	Polyamidoamine hardener	VENATOR
TOTAL WEIGHT	100		



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Properties :

PVC % :	34.50
Solids % :	62.39
Volumic solids % :	44.75
Pigment/Binder ratio (vol.)	0.53



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Zinc Phosphate PZ20 in SB epoxy 2K – Marine MIO

Guiding formulation/REF 018118ML2
EPIKOTE 1001 & 828 ARADUR 43BD

Dry film thickness: 60µm
Application over Zinc rich primer or epoxy primer using a spray gun

RAW-MATERIALS	% WEIGHT	DESCRIPTION	SUPPLIERS
PART A			
Mix in the following order			
EPIKOTE 1001/XYLENE 60/50 w/w	26.0	Epoxy resin	HEXION
EPIKOTE 828	5.3	Epoxy binder	HEXION
CERECLOR M50	3.2	Plasticizer	INEOS
THIXATROL ST	0.3	Thixotropic additive	ELEMENTIS
<i>mix until homogeneous preparation</i>			
ZINC PHOSPHATE PZ20	15.0	Anticorrosion pigment	SNCZ
IRONOR PS	18.0	Micaceous iron oxide	CMMP
MICA SOFT 15	4.0	Filler	CMMP
ALPASTE 1167	8.0	Aluminium paste	TOYAL
<i>Dispersion for 30 min.</i>			
DOWANOL PMA	4.1	Glycol ester, solvent	DOW CHEMICAL
MIBK	4.1	Solvent	
PART B			
ARADUR 43BD	7.9	Cycloaliphatic polyamine	VENATOR
XYLENE	4.1	Solvent	
TOTAL WEIGHT	100		

Properties :

PVC % :	28.44
Solids % :	74.42
Volumic solids % :	57.40
Pigment/Binder ratio (vol.)	0.40



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www.sncz.com



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15/04/2020
GF_087 v0.02

