

HEUCOPHOS® ZCP-PLUS

in 1-part polyurethane



Water based

Heubach formulation No. 592-03

07/10

FUNCTION	PRODUCT	PRODUCER	PBW
Polyester polyurethane dispersion	Bayhydrol UH XP 2592, 45%	Bayer	28.95
Glycol ether	Butyl glycol		1.65
Glycol ether	Dowanol DPnB	Dow	1.65
Antiskinning agent	Ascinin Anti Skin 0445	OMG Borchers	0.05
Add.			
Drier	Borchers Dry 0347 aqua	OMG Borchers	1.25
	Water		1.25
Premix and add while mixing.			
Defoamer	Foamaster MF 330	Cognis	0.15
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Heubach	10.00
Anticorrosive pigment	Zinc oxide		0.90
Grind 5 minutes.			
	Water		3.25
Add.			
Neutralizing agent	n-Ethyl-diisopropylamine	Bayer	0.25
	Water		0.25
Premix and add while mixing.			
Titanium dioxide	Tronox R-KB-6	Kerr-McGee	10.20
Carbon black	Printex 55	Evonik	0.10
Magnesium calcium carbonate	Microdol Super	Mondo Minerals	6.50
Magnesium silicate	Micro-Talc A.T. Extra	Mondo Minerals	3.90
Antisettling agent	Aerosil 300	Evonik	0.30
Grind to a fineness of < 20 microns, temperature < 40 °C			
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Add to the grind.			

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FUNCTION	PRODUCT	PRODUCER	PBW
Thickener	Borchi Gel PW 25	OMG Borchers	0.05
	Water		0.30
Add while mixing.			
Wetting agent	Byk-346	Byk-Chemie	0.10
Add.			
			100.00
SPECIFICATIONS			
Vol.-% Anticorrosive pigment reg. pigment/filler			33.0
PVC / CPVC			0.5
PVC in %			28.5

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