

DSM Coating Resins formulation No. AWT/48Korro06

02/06

FUNCTION	PRODUCT	PRODUCER	PBW
Polyurethane dispersion	Halwedrol OX 48/40 W	DSM Coating Resins	50.50
Dispersing agent	Silcosperse HLD-5/K	Silcona	1.00
Defoamer	Byk-024	Byk-Chemie	0.40
Add while mixing.			
Corrosion inhibitor	Irgacore FC 252	Ciba	0.16
	Water		0.64
Mix until uniform solution prior to addition.			
Anticorrosive pigment	HEUCOPHOS® ZMP	Heubach	9.00
Corrosion inhibitor	HEUCORIN® RZ	Heubach	1.00
Iron oxide red	Bayferrox 130 M	Bayer	6.00
Magnesium silicate	Talkum 10 M 2	Talc de Luzenac	7.50
Magnesium aluminium silicate	Plastorit 0000	Luzenac	5.00
Antisettling agent	Aerosil R 972	Degussa, today Evonik	0.50
Barium sulphate	Blanc fixe micro	Sachtleben	5.00
Add while mixing.			
Drier	Aquacat	Ultra Additives	0.25
Drier	Magnacat	Ultra Additives	0.40
Glycol ether	Butyl glycol		0.65
Premix and add while mixing.			
Grind with a bead mill, fineness of grind < 10 microns, temperature < 45 °C			
Hydrophobing agent	Tegosivin WF	Tego Chemie	2.00
Rheology modifier	Silco Wet A-800	Silcona	0.50
Thickener	Viscalex HV30	Ciba	0.25
PU-thickener	Collacral PU 75	BASF	0.05
	Water		9.20

HEUCOPHOS[®] ZMP / HEUCORIN[®] RZ

in 1-part polyurethane



Water based

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Add while mixing.			
			100.00

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