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## **KINGMIDE 901P**

SANHO CHEMICAL CO., LI

Plasticized PVC-sol is widely used among mobil industry for anti corrosion painting and sealing application.

Polyaminoamide resin whose one of the major applications is an epoxy curing agent is effective as adhesive promotor for plastcized PVC-sol, too.

901P, polyaminoamide, is a product to provide good adhesive property of plasticized PVC-sol.

(1)	Typical specifications.	(not prescribed / fixed)
	Appearance	brown color, liquid.
	Viscosity, mPa·s, 40°C	11,000
	Amine value	202
	Color	6 ~ 7
	Domorka : Spacific growity	• 0.083

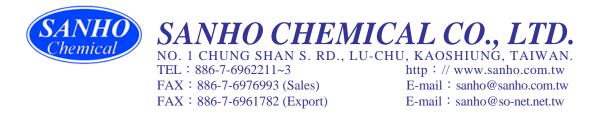
Remarks : Specific gravity	: 0.983
Flash point	∶212°C

## (2) Effect as an adhesion promotor.

(2)-1 : Formulation of plasticized PVC-sol. (Base PVC-sol)				
Vinyl chloride ( * )	100g			
Dioctylphthalate	127g			
Calcium carbonate (limestone powder whiting)	182g			
Calcium carbonate (**)	45g			
Titanim dioxide (* * *)	11g			
Stabilizer (* * * *)	1g			
TOTAL	466g			

Remarks :

(\*) : Zeon-121 by Nippon Zeon. (\*\*) : CCR by Shiraishi Industry. (\*\*\*): R-900 by Dupont. (\* \* \* \*): AC-115 by Asahi Denka.



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(2)-2 : Adhesive test : baked film removing test with nail.

Formulate 2phr of 901P with 100 phr of the plasticized PVC-sol of (2)-1.

Mix them well and coat them as thick as 1mm onto chromium coated steel sheet.

Coated film removing test is conducted with nail after baking the film at  $140^{\circ}$ C for 15 min.

Formuation of plasticized PVC-sol	(I)	( II )
Base plasticized PVC-sol of (2)-1.	100	100
901P	2	
Evaluation result.	Not removed	Removed