



SANHO CHEMICAL CO., LTD.

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TOHMIDE 601

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 plasticized PVC-sol too.

Tohmide 601, 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

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
Diocetylphthalate	127g
Calcium carbonate (limestone powder whiting)	182g
Calcium carbonate (* *)	45g
Titanim dioxide (* * *)	11g
Stabilizer (* * * *)	1g
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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 Tohmide 601 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°C for 15 min.

Formuation of plasticized PVC-sol	(I)	(II)
Base plasticized PVC-sol of (2)-1.	100	100
Tohmide 601	2
Evaluation result.	Not removed	Removed