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11. An etchant/primer composition according to claim 7, wherein said polar solvent system further comprises water.

12. An etchant/primer composition comprising:
a compound having the formula



wherein $\text{R}=\text{R}^1$ or R^2 ;

R^1 =an aromatic group;

R^2 =a conjugated aliphatic group;

Y =a single bond, CH_2 , CHCH_3 or $\text{C}=\text{CH}_2$; and

each M is independently H , an alkali metal, an alkaline earth metal, aluminum, a transition or redox metal or an alkyl group having 1 to 18 carbon atoms, with the proviso that when both M groups are alkyl groups, the compound corresponding to formula I be capable of being easily hydrolyzed, displaced, or exchanged with other reagents present in the etchant/primer composition; and

a polar solvent system comprising an aqueous solution of an ethylenically unsaturated monomer having at least one hydroxyl group per molecule.

13. An etchant/primer composition according to claim 12, wherein R^1 comprises C_6H_5 or $\text{C}_6\text{H}_4\text{R}^3$, and

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wherein $\text{R}^3=\text{N}(\text{CH}_2\text{CO}_2\text{M})_2$; $\text{C}_6\text{H}_4\text{N}(\text{CH}_2\text{CH}_2\text{M})_2$; $\text{O}(\text{CH}_2)_2\text{OC}_6\text{H}_4\text{N}(\text{CH}_2\text{CO}_2\text{M})_2$; $\text{CH}=\text{CH}_2$; CO_2H ; F ; Cl ; Br ; I ; OH ; SH ; (m- or p-) $\text{CH}_2\text{C}_6\text{H}_4$ (m- or p-) $\text{CH}=\text{CH}_2$; $\text{OCOC}(\text{R}^4)=\text{CH}_2$; $\text{NR}^4\text{COC}(\text{R}^4)=\text{CH}_2$; $(\text{CH}_2)_2\text{OCOC}(\text{R}^4)=\text{CH}_2$; C_6H_5 ; an alkyl group having 1 to 12 carbon atoms; HOCH_2 ; HOCH_2CH_2 ; R^5_2N ; R^6O ; R^6S ; R^6CO ; R^7CONH ; R^7COCO ;

10 wherein $\text{R}^4=\text{H}$ or CH_3 ;

wherein $\text{R}^5=\text{H}$ or an alkyl group having 1 to 8 carbon atoms;

wherein R^6 =an alkyl group having from 1 to 6 carbon atoms; and

wherein R^7 =an alkyl group having 1 to 6 carbon atoms.

14. An etchant/primer composition according to claim 12, wherein said compound of formula (I) is phenyliminodiacetic acid, salts thereof, or esters thereof.

15. An etchant/primer composition according to claim 12, wherein R^2 comprises a residue of crotonic acid, salts thereof, or esters thereof.

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