

Supporting Information

Catalytic amination of diethylene glycol with tertiarybutylamine over Ni- Al_2O_3 catalysts with different Ni/Al ratios

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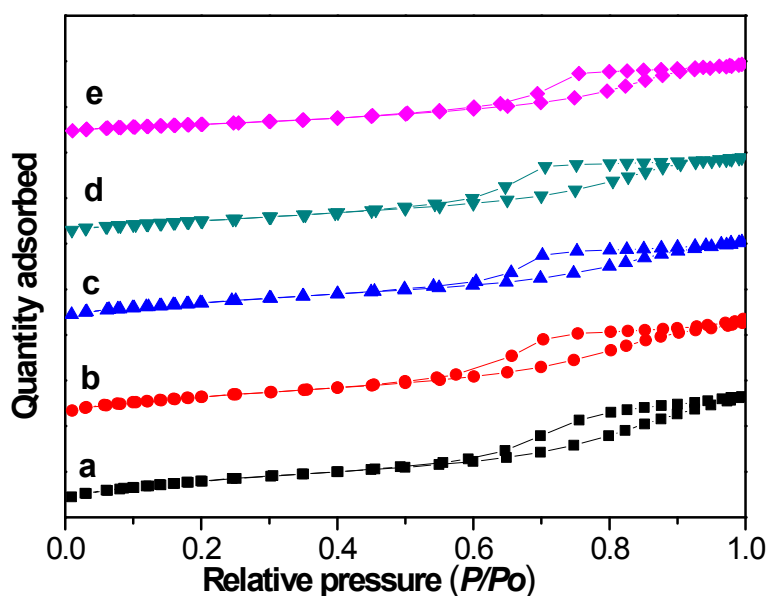


Fig. S1 Nitrogen adsorption-desorption isotherms of the catalysts at a different ratio of Ni/Al: (a) NiAl-0.25, (b) NiAl-0.50, (c) NiAl-1.0, (d) NiAl-2.0, (e) NiAl-4.0.

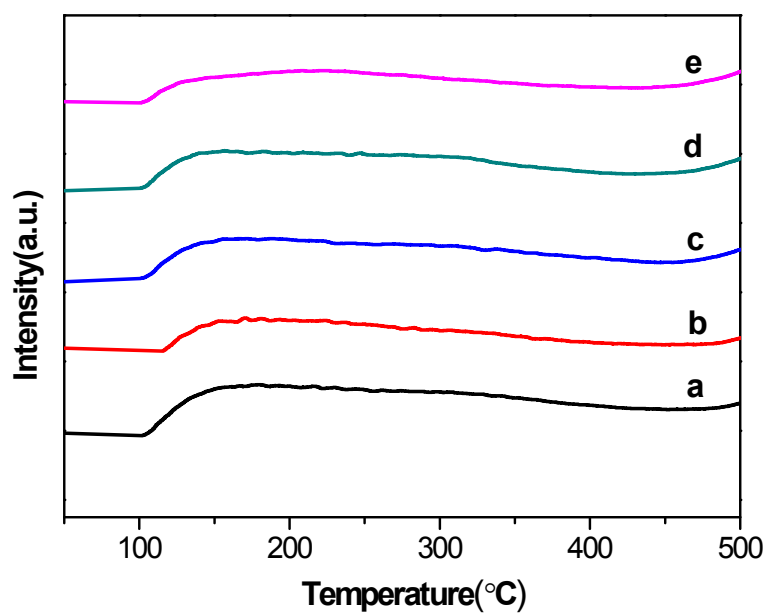


Fig. S2 NH₃-TPD profiles of the samples with different molar ratios of Ni/Al: (a) NiAl-0.25, (b) NiAl-0.50, (c) NiAl-1.0, (d) NiAl-2.0, (e) NiAl-4.0.

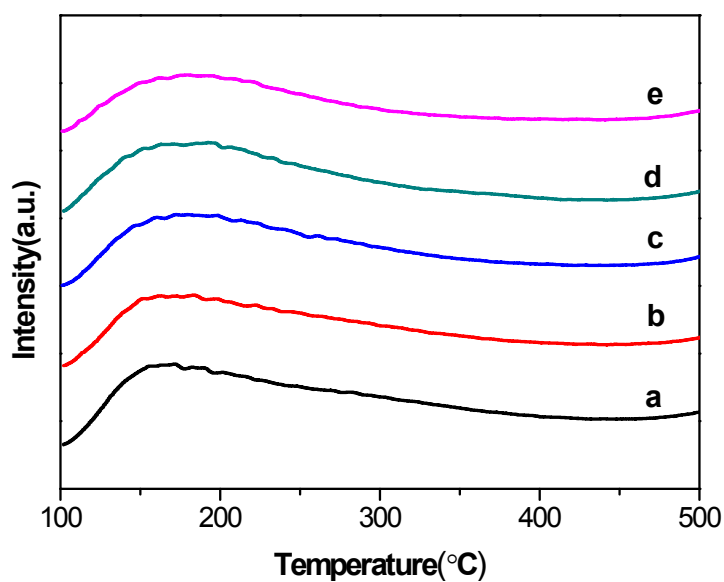


Fig. S3 CO₂-TPD profiles of the samples with different molar ratio of Ni/Al: (a) NiAl-0.25, (b) NiAl-0.50, (c) NiAl-1.0, (d) NiAl-2.0, (e) NiAl-4.0.