Claims

1. A process for producing polyurethanes by reacting

a) polyisocyanates with

b) compounds having at least two hydrogen atoms which are reactive toward isocyanate groups,

wherein the compounds b) having at least two hydrogen atoms which are reactive toward isocyanate groups comprise at least one polyether alcohol b1) which has been prepared by reaction of an aromatic amine b1a) with propylene oxide using an amine b1b) which is different from b1a) as catalyst.

2. The process according to claim 1, wherein the aromatic amine b1a) is selected from the group consisting of aniline, TDA, MDA and PMDA.

3. The process according to claim 1, wherein the aromatic amine b1a) is selected from the group consisting of TDA and PMDA.

4. The process according to claim 1, wherein the aromatic amine b1a) is TDA.

5. The process according to claim 1, wherein the aromatic amine b1a) comprises at least 90% by weight, based on the weight of the TDA, of ortho-TDA ~~vicinal TDA~~.

6. The process according to claim 1, wherein the amine b1b) is selected from the group consisting of trimethylamine, triethylamine, tripropylamine, tributylamine, N,N'-dimethylethanolamine, N,N'-dimethylcyclohexylamine, dimethylethylamine, dimethylbutylamine, N,N'-dimethylaniline, 4-dimethylaminopyridine, N,N'-dimethylbenzylamine, pyridine, imidazole, N-methylimidazole, 2-methylimidazole, 4-methylimidazole, 5-methylimidazole, 2-ethyl-4-methylimidazole, 2,4-dimethylimidazole, 1-hydroxypropylimidazole, 2,4,5-trimethylimidazole, 2-ethylimidazole, 2-ethyl-4-methylimidazole, N-phenylimidazole, 2-phenylimidazole, 4-phenylimidazole, guanidine, alkylated guanidines, 1,1,3,3-tetramethylguanidine, 7-methyl-1,5,7-triazabicyclo[4.4.0]dec-5-ene, 1,5-diazobicyclo[4.3.0]-non-5-ene, 1,5-diazabicyclo[5.4.0]undec-7-ene.

7. The process according to claim 1, wherein the amine b1b) is dimethylethanolamine.

8. The process according to claim 1, wherein the amine b1b) is an imidazole.