

Process for the Production and Purification of
Bis(tertiary-butylamino)silane

5 A process for synthesizing an aminosilane compound such as
bis(tertiarybutylamino)silane is provided. In one aspect of the present invention, there is
provided a process for making bis(tertiarybutylamino)silane comprising reacting a
stoichiometric excess of tert-butylamine with dichlorosilane under anhydrous conditions
sufficient such that a liquid comprising the bis(tertiarybutylamino)silane product is
10 produced.

Figure 1