

literally ~ 1.5 feet from my face blowing glass all over the right side of my face & throwing me off my stool. As I regained my composure I noticed the hexane had now caught fire in the drawer (whereby the isopropyl CO_2 did NOT) I smoothed this with lab book #2. Apparently it most react violently with alkali. I had looked into this flesh literally ~ 30 sec before it flew & saw the whole mess (a solid chunk) even @ -78°C . Anyway I fished the dirt out of the isopropyl/dry ice bath & put it under hexane & started deaerating it with IPA.

God has yet saved my bolt again from possible terrible injury (having 1/2 my face literally torn off or blinded, glass shot in ~ 20" radius!) Anyway I am always grateful to God for His love & protection.

#1
Went back to work — n/2.0g hexane combined with 1.0ml triethylAl — to this was sec transformed 5.5ml IB & the whole was stirred for 1/2 hour before sec transforming to the reactor. The reactor was then warmed to -80°C under N_2 & the following were injected: 0.100ml PT stock (5×10^{-5} moles), 1.0ml ICG stock (5×10^{-5} moles), & 0.190ml amylCl stock (5×10^{-6} moles) — P_2O was allowed to go for 1 hour (shimmy stopped at ~ 10 min), P_2O was allowed to warm to RT (no growth) due to viscosity 2.608g or 67.39%

#2 Again to P.0g hexane were added 1.0ml triethylAluminum & to this was sec transformed 5.5ml IB & the whole was stirred @ -78°C for 1/2 hour before sec transforming to the reactor — The reactor was warmed to -78°C under N_2 & the following were injected: 0.100ml PT stock (5×10^{-5} moles), 1.0ml ICG stock (5×10^{-5} moles), & finally 0.190ml amylCl stock (5×10^{-6} moles). Again the P_2O stopped shimming @ ~ 10 min into P_2O — P_2O was allowed to go for 1 hour before bringing to RT.

2.525g or 65.25%

SIGNATURE _____

DATE _____

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READ AND UNDERSTOOD _____

DATE _____

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