

The dangers caused by hydrogenous substances can be reduced by the use of boron compounds. The tank should be coated by a boron compound. This greatly decreases danger that may arise if some hydrogenous material (for instance a person) comes near to the tank. One gram of boron per cm^2 should provide adequate protection. Even 0.1 gram/cm^2 is very helpful.

Any hydrogenous material which might become intermixed with the chain reacting material should be mixed with boron. If the mass concentration of boron is chosen as $1/10$ of the maximum mass concentration with which 25 might appear in the hydrogenous material no chain reaction will occur.

Boron should be used in such a way as not to get mixed in the normal operation with the process gas. Even minute concentrations of boron in the final product are harmful.