

Case Study 24:

Hazards of Benzoyl Peroxide

At 11:55 am on January 2, 2003, a vacuum dryer holding nearly 200 pounds of BPO exploded. Employees were drying granular 75 percent BPO to make 98 percent BPO when the material explosively decomposed. One employee was slightly injured, and the BPO processing building was significantly damaged.

References:

CSB: Case Study Fire and explosion: Hazards of Benzoyl Peroxide, No 2003-03-C-OH, October 2003