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## 40 C.F.R. § 721.10120

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### Siloxane modified alumina nanoparticles (generic).

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(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified generically as siloxane modified alumina nanoparticles (PMN P-05-687) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section.

(2) The significant new uses are:

(i) *Protection in the workplace.* Requirements as specified in § 721.63 (a)(1), (a)(2)(i), (a)(3), (a)(4), (a)(5), (a)(6) (ii), (b) (concentration set at 1 percent), and (c). The following National Institute for Occupational Safety and Health (NIOSH)-approved respirators with an APF of 10-25 meet the minimum requirements for § 721.63(a)(4): Air-purifying, tight-fitting respirator equipped with N100 (if oil aerosols absent), R100, or P100 filters (either half- or full-face); powered air-purifying respirator equipped with a loose-fitting hood or helmet and High Efficiency Particulate Air (HEPA) filters; powered air-purifying respirator equipped with a tight-fitting facepiece (either half- or full-face) and HEPA filters; supplied-air respirator operated in pressure demand or continuous flow mode and equipped with a hood or helmet, or tight-fitting facepiece (either half- or full-face).

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