

§721.10120 Siloxane modified alumina nanoparticles (generic).

(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).

(ii) Industrial, commercial, and consumer activities. Requirements as specified in §721.80 (j), (v)(1), (w)(1), and (x)(1).

(b) Specific requirements. The provisions of subpart A of this part apply to this section except as modified by this paragraph.

(1) Recordkeeping. Requirements as specified in §721.125 (a), (b), (c), (d), (e), and (i) are applicable to manufacturers, importers, and processors of this substance.

(2) Limitations or revocation of certain notification requirements. The provisions of §721.185 apply to this section.

(3) Determining whether a specific use is subject to this section. The provisions of §721.1725(b)(1) apply to this section.

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