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Title 22@ Social Security

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Division 4.5@ Environmental Health Standards for the Management of Hazardous Waste

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Chapter 55@ Safer Consumer Products

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Article 11@ Priority Products List

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Section 69511.2@ Spray Polyurethane Foam Systems Containing Unreacted Methylene Diphenyl Diisocyanates

69511.2 Spray Polyurethane Foam Systems Containing Unreacted Methylene Diphenyl Diisocyanates

(a)

Product-chemical combination description: "Spray polyurethane foam systems containing unreacted methylene diphenyl diisocyanates" means spray polyurethane foam systems containing liquid chemical mixtures in two separate containers that are sold or distributed together. The two separate containers are commonly referred to as Side A and Side B. Side A contains unreacted methylene diphenyl diisocyanates. Side B contains a mixture of polyols and other ingredients which may include catalysts, blowing agents, flame retardants, and surfactants. The chemical mixtures in the sides react when mixed together to form polyurethane foam that is used for insulation, roofing, or sealing and filling voids and gaps. This product-chemical combination includes: (1) High-pressure spray polyurethane foam systems, and (2) Low-pressure spray polyurethane foam systems.

(1)

High-pressure spray polyurethane foam systems, and

(2)

Low-pressure spray polyurethane foam systems.

(b)

Candidate Chemicals. For purposes of this chapter, the following Candidate

Chemicals are identified as the basis for the product defined in subsection (a) being listed as a Priority Product: (1) 4,4'-methylenediphenyl diisocyanate, Chemical Abstract Service Reference Number: 101-68-8, and (2) Generic methylene diphenyl diisocyanate mixed isomers, Chemical Abstract Service Reference Number: 26447-40-5.

(1)

4,4'-methylenediphenyl diisocyanate, Chemical Abstract Service Reference Number: 101-68-8, and

(2)

Generic methylene diphenyl diisocyanate mixed isomers, Chemical Abstract Service Reference Number: 26447-40-5.

(c)

Hazard traits associated with the Candidate Chemicals identified in subsection (b) include: (1) Dermatotoxicity, (2) Immunotoxicity, and (3) Respiratory toxicity.

(1)

Dermatotoxicity,

(2)

Immunotoxicity, and

(3)

Respiratory toxicity.

(d)

Toxicological endpoints associated with exposure to Candidate Chemicals identified in subsection (b) include: (1) Allergic contact dermatitis, (2) Allergic sensitization, (3) Asthma, (4) Dermal sensitization, (5) Extrinsic allergic alveolitis, (6) Hypersensitivity pneumonitis, (7) Interstitial and peribronchiolar fibrosis, and (8) Respiratory irritation.

(1)

Allergic contact dermatitis,

(2)

Allergic sensitization,

(3)

Asthma,

(4)

Dermal sensitization,

(5)

Extrinsic allergic alveolitis,

(6)

Hypersensitivity pneumonitis,

(7)

Interstitial and peribronchiolar fibrosis, and

(8)

Respiratory irritation.

(e)

For purposes of this chapter, the Candidate Chemicals identified in subsection (b) are designated as Chemicals of Concern for the product defined in subsection (a).

(f)

The Preliminary Alternatives Analysis Report for this Priority Product shall be submitted within 180 days after the effective date of this regulation.