

**Title 26**

**DEPARTMENT OF THE ENVIRONMENT**

**Subtitle 11 AIR QUALITY**

**Chapter 19 Volatile Organic Compounds from Specific Processes**

**.33 Control of Volatile Organic Compounds (VOCs) Emissions from Flat Wood Paneling Coatings.**

A. Definitions.

(1) In this regulation, the following terms have the meanings indicated.

(2) Terms Defined.

(a) "Class II finishes on hardboard panels" means finishes on panels that:

(i) Are manufactured primarily from inter-felted lignocellulosic fibers that are consolidated under heat and pressure in hot-press; and

(ii) Meet the specifications of the American National Standard, ANSI A135.5-2004, Prefinished Hardboard Paneling, as approved by the American National Standards Institute (ANSI).

(b) "Exterior siding" means flat wood paneling intended for use in commercial or residential construction, generally as a covering for an outside wall.

(c) "Flat wood paneling" means any interior or exterior siding or paneling manufactured with wood, plywood, particleboard, tileboard, or waferboard that is used in residential and commercial construction.

(d) "Hardwood plywood" means plywood whose surface layer is a veneer of hardwood.

(e) "Natural finish hardwood plywood panels" means hardwood plywood panels whose original grain pattern is enhanced by essentially transparent finishes frequently supplemented by fillers and toners.

(f) "Printed interior panels" means panels whose grain or natural surface is obscured by fillers and basecoats, upon which a simulated grain or decorative pattern is printed.

(g) "Thin particleboard" means a manufactured board that has a thickness of 1/4 inch (0.64 cm) or less made of individual wood particles that have been coated with a binder and formed into flat sheets by pressure.

(h) "Tileboard" means paneling that meets the specifications for Class I hardboard established by American National Standard, ANSI A135.4-2004, Basic Hardboard, as approved by the ANSI.

B. Incorporation by Reference. In this regulation the following documents are incorporated by reference:

(1) ANSI A135.5-2004, Prefinished Hardwood Paneling (approved March 11, 2004).

(2) ANSI A135.4-2004, Basic Hardboard (approved March 11, 2004).

C. Applicability. Coatings applied to stationary structures or their appurtenances or portable buildings at the site of installation are exempt from this regulation.

D. Requirements for Flat Wood Paneling Coating. A person who applies flat wood paneling coatings, including inks and adhesives, where total precontrol VOC emissions from all flat wood paneling coating operations at a premises is 15 pounds or more per day (6.8 kg/day) shall meet the coating standards or overall control efficiency specified in the following table:

Surface Coatings, Inks or Adhesives Applied to the Following Flat Wood Paneling Categories	Emission Limits		
	Pound VOC per Gallon (grams VOC/ Liter of Material)	Pound VOC per Gallon Solids (grams VOC/ Liter Solids)	Overall Control Efficiency Using an Add-On Control Device
(1) Printed interior panels made of hardwood plywood or thin particleboard	2.1 (250)	2.9 (350)	90%
(2) Natural finish hardwood plywood panels	2.1 (250)	2.9 (350)	90%
(3) Class II finishes on hardboard panels	2.1 (250)	2.9 (350)	90%
(4) Tileboard	2.1 (250)	2.9 (350)	90%
(5) Exterior siding	2.1 (250)	2.9 (350)	90%

[The SIP effective date is March 28, 2011]