



## Ohio Administrative Code

### Rule 3745-113-06 Compliance provisions and test methods.

Effective: December 16, 2022

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[Comment: For dates of non-regulatory government publications, publications of recognized organizations and associations, federal rules, and federal statutory provisions referenced in this rule, see paragraph (AA) of rule 3745-113-01 of the Administrative Code titled "referenced materials."]

(A) Calculation of VOC content: For the purpose of determining compliance with the VOC content limits in the table of paragraph (A)(1) of rule 3745-113-03 of the Administrative Code, the VOC content of a coating shall be determined as defined in rule 3745-113-01 of the Administrative Code. The VOC content of a tint base is determined without colorant that is added after the tint base is manufactured. If the manufacturer does not recommend thinning, the VOC content is calculated for the product as supplied. If the manufacturer recommends thinning, the VOC content is calculated including the maximum amount of thinning solvent recommended by manufacturer. If the coating is a multi-component product, display the VOC content as mixed or catalyzed on the container. If the coating contains silanes, siloxanes, or other ingredients that generate ethanol or other VOCs during the curing process, the VOC content includes the VOCs emitted during curing.

(B) VOC content of coatings: To determine the physical properties of a coating, the reference method for VOC content is USEPA method 24, except as provided in paragraphs (C) and (D) of this rule. An alternative method to determine the VOC content of coatings is SCAQMD method 304-91. The exempt compounds content shall be determined by methods referenced in ASTM D 3960, SCAQMD method 303-91 (Revised August 1996), BAAQMD Method 43, or BAAQMD Method 41, as applicable. To determine the VOC content of a coating, the manufacturer may use USEPA method 24, or an alternative method, as provided in paragraph (C) of this rule, formulation data, or any other reasonable means for predicting that the coating has been formulated as intended (e.g., quality assurance checks, recordkeeping). However, if there are any inconsistencies between the results of a test conducted utilizing USEPA method 24 and any other means for determining VOC content, the results of the test utilizing USEPA method 24 will govern, except when an alternative method is approved as specified in paragraph (C) of this rule. The director may require the manufacturer to conduct an analysis using USEPA method 24.



(C) Alternative test methods: Other test methods demonstrated to provide results that are acceptable for purposes of determining compliance with paragraph (B) of this rule, after review and approval in writing by the director and the USEPA, may also be used.

(D) Methacrylate traffic coating markings: Analysis of methacrylate multi-component coatings used as traffic marking coatings shall be conducted according to a modification of USEPA method 24 contained in 40 CFR 59, Subpart D, Appendix A. This method has not been approved for methacrylate multicomponent coatings used for purposes other than as traffic marking coatings or for other classes of multicomponent coatings.