
POLLUTION CONTROL BOARD
NOTICE OF ADOPTED AMENDMENTS

Section 218.929 Cementable and Dress or Performance Shoe Leathers

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- a) The rule requirements of this Section apply to a leather manufacturing facility located at 2015 North Elston Avenue, Chicago, Illinois. The VOM emission limits set forth in this Section shall only apply to the following types of select grade of chrome tanned, bark/polymer retanned specialty leathers:
- 1) Cementable Shoe Leather is leather which is:
- A) Hot stuffed without the presence of water, fat liquored or wet stuffed by direct contact with wax, grease, polymers and oils in liquefied form at elevated temperatures. The content of wax, grease, polymers and oils embedded into the leather shall be over 12 percent but less than 25 percent by weight, measured on a dry weight basis. Applicable leathers shall be determined using the equation below:
- $$12\% < P < 25\%$$
- Where:
- $$P = \frac{WL}{L} \times 100$$
- P = percent content of wax, grease, polymer, and oils
W = weight of wax, grease, polymers and oils in pounds added to the leather
L = dry weight of the leather in pounds before addition of wax, greases, polymers and oils;
- B) Finished with coating materials which adhere to the leather surface that feels oily; and
- C) Used primarily for manufacture of shoes and cannot meet the definition for specialty leather pursuant to 35 Ill. Adm. Code Section 211.6170.
- 2) Dress or Performance Shoe Leather is leather which is:
- A) Finished with coating materials containing water emulsified materials using water miscible solvent materials to protect the leather and pigmented coating; and

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- B) Used primarily for manufacture of sewn shoes where the leather must be capable of soaking with a fine, dressy finish that cannot meet the lbs. per gallon VOM limitations set forth in Section 218.926 of this Subpart and cannot meet the definition for specialty leather pursuant to 35 Ill. Adm. Code 211.6170.
- 3) The requirements of this Section do not apply to the production of those specialty leathers that meet the definition of specialty leathers pursuant to 35 Ill. Adm. Code 211.6170 or to the production of leathers that can meet the control requirements of Section 218.926 of this Subpart.
- 4) The 10-ton exemption for stain pursuant to Section 218.926(b)(2)(i) of this Subpart does not apply to leathers produced pursuant to the requirements of this Section.
- b) The production of specialty leather as defined in subsection (a) of this Section is subject to the following limitations:
- 1) For both water resistant and non-water resistant leathers, the leather will be designated as water resistant or non-water resistant in the shipping room by using ASTM D2099-00, as incorporated by reference in Section 218.112 of this Part.
- 2) For non-water resistant leathers, the total VOM emissions shall not exceed 14.0 lbs. VOM/1,000 square feet of leather produced on a 12-month rolling average basis.
- 3) For water resistant leathers, the total VOM emissions shall not exceed 24.0 lbs. VOM/1,000 square feet of leather produced on a 12-month rolling average basis.
- 4) The total emissions of VOM from leathers produced pursuant to the emission limits in this Section shall not exceed 20 tons per year.
- c) The owner or operator shall comply with its approved standard operating and maintenance procedures (SOMP). The SOMP will contain the following elements:
- 1) A procedure to minimize the volatilization of solvents during the

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measuring of coating proportions and/or mixing of coatings.

- 2) A procedure to minimize VOM fugitive losses from the coating and solvent storage rooms. Procedures should include methods of securely sealing containers and methods to clean up accidental spills.
 - 3) A procedure to minimize solvent usage or VOM losses during equipment cleanup and during transport (including the transferring of coatings from the mixing areas to the coating lines).
- d) The owner or operator shall perform the reporting and record keeping consistent with the requirements of Section 218.929 of this Subpart and Section 39.5 of the Act (415 ILCS 5/39.5), and shall include at a minimum the following:
- 1) The VOM content and gallons of each coating and the total pounds of VOM of all coatings applied to each category of leather, e.g., cementable non-water resistant, dress water resistant, by batch during each month; and
 - 2) The total area of each category of leather produced during the month based on the number of items produced and the area of such items, measured or established in accordance with procedures set forth in a federally enforceable permit.

Notwithstanding the requirements of subsections (d)(1) and (d)(2) of this Section, the owner or operator may comply with an equivalent alternative plan for reporting and recordkeeping that has been approved by the Agency and the USEPA in a federally enforceable permit or as a SIP revision.

(Source: Added at 7283, effective April 8, 2003)