**Section 223.310 Standards**

a) VOM Content Limits: Except as provided in subsection (c), no person shall manufacture, blend, or repackage for sale within Illinois, supply, sell, or offer for sale within Illinois, or solicit for application or apply within Illinois, any architectural coating manufactured on or after July 1, 2009 that contains a VOM content in excess of the corresponding limit specified below:

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|  | |  | **VOM Content Limit**  **Grams/Liter**  **(Pounds/Gallon)** | | |
| **Coating Category** | |
| 1) | Flat Coatings | | | 100 | (0.8) |
|  |  | | |  |  |
| 2) | Non-Flat Coatings | | | 150 | (1.3) |
|  |  | | |  |  |
| 3) | Non-Flat High-Gloss Coatings | | | 250 | (2.1) |
|  |  | | |  |  |
| **Specialty Coatings** | | | |  |  |
|  |  | | |  |  |
| 4) | Antenna Coatings | | | 530 | (4.4) |
|  |  | | |  |  |
| 5) | Antifouling Coatings | | | 400 | (3.3) |
|  |  | | |  |  |
| 6) | Bituminous Roof Coatings | | | 300 | (2.5) |
|  |  | | |  |  |
| 7) | Bituminous Roof Primers | | | 350 | (2.9) |
|  |  | | |  |  |
| 8) | Bond Breakers | | | 350 | (2.9) |
|  |  | | |  |  |
| 9) | Calcamine Recoaters | | | 475 | (4.0) |
|  |  | | |  |  |
| 10) | Clear Wood Coatings | | |  |  |

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| --- | --- | --- | --- |
| A) | Clear Brushing Lacquers | 680 | (5.7) |
|  |  |  |  |
| B) | Lacquers |  |  |
|  | (including lacquer sanding sealers) | 550 | (4.6) |
|  |  |  |  |
| C) | Sanding Sealers |  |  |
|  | (other than lacquer sanding sealers) | 350 | (2.9) |
|  |  |  |  |
| D) | Varnishes | 350 | (2.9) |

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| 11) | Concrete Curing Compounds | | 350 | (2.9) |
|  |  | |  |  |
|  | | Concrete Surface Retarder | 780 | (6.5) |

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| 12) | Conversion Varnish | 725 | (6.0) |
|  |  |  |  |
| 13) | Dry Fog Coatings | 400 | (3.3) |
|  |  |  |  |
| 14) | Faux Finishing Coatings | 350 | (2.9) |
|  |  |  |  |
| 15) | Fire-Resistive Coatings | 350 | (2.9) |
|  |  |  |  |
| 16) | Fire-Retardant Coatings |  |  |

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| A) | Clear | 650 | (5.4) |
|  |  |  |  |
| B) | Opaque | 350 | (2.9) |

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| 17) | Floor Coatings | 250 | (2.1) |
|  |  |  |  |
| 18) | Flow Coatings | 420 | (3.5) |
|  |  |  |  |
| 19) | Form-Release Compounds | 250 | (2.1) |
|  |  |  |  |
| 20) | Graphic Arts Coatings (Sign Paints) | 500 | (4.2) |
|  |  |  |  |
| 21) | High-Temperature Coatings | 420 | (3.5) |
|  |  |  |  |
| 22) | Impacted Immersion Coating | 780 | (6.5) |
|  |  |  |  |
| 23) | Industrial Maintenance Coatings | 340 | (2.8) |
|  |  |  |  |
| 24) | Low-Solids Coatings | 120 | (1.0) |
|  |  |  |  |
| 25) | Magnesite Cement Coatings | 450 | (3.8) |
|  |  |  |  |
| 26) | Mastic Texture Coatings | 300 | (2.5) |
|  |  |  |  |
| 27) | Metallic Pigmented Coatings | 500 | (4.2) |
|  |  |  |  |
| 28) | Multi-Color Coatings | 250 | (2.1) |
|  |  |  |  |
| 29) | Nuclear Coating | 450 | (3.8) |
|  |  |  |  |
| 30) | Pre-Treatment Wash Primers | 420 | (3.5) |
|  |  |  |  |
| 31) | Primers, Sealers, and Undercoaters | 200 | (1.7) |
|  |  |  |  |
| 32) | Quick-Dry Enamels | 250 | (2.1) |
|  |  |  |  |
| 33) | Quick-Dry Primers, Sealers and Undercoaters | 200 | (1.7) |
|  |  |  |  |
| 34) | Recycled Coatings | 250 | (2.1) |
|  |  |  |  |
| 35) | Roof Coatings | 250 | (2.1) |
|  |  |  |  |
| 36) | Rust Preventive Coatings | 400 | (3.3) |
|  |  |  |  |
| 37) | Shellacs |  |  |

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| A) | Clear | 730 | (6.1) |
|  |  |  |  |
| B) | Opaque | 550 | (4.6) |

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| 38) | Specialty Primers, Sealers, and Undercoaters | 350 | (2.9) |
|  |  |  |  |
| 39) | Stains | 250 | (2.1) |
|  |  |  |  |
| 40) | Stone Consolidants | 450 | (3.8) |
|  |  |  |  |
| 41) | Swimming Pool Coatings | 340 | (2.8) |
|  |  |  |  |
| 42) | Swimming Pool Repair and Maintenance Coatings | 340 | (2.8) |
|  |  |  |  |
| 43) | Temperature-Indicator Safety Coatings | 550 | (4.6) |
|  |  |  |  |
| 44) | Thermoplastic Rubber Coatings and Mastics | 550 | (4.6) |
|  |  |  |  |
| 45) | Traffic Marking Coatings | 150 | (1.3) |
|  |  |  |  |
| 46) | Waterproofing Concrete/Masonry Sealers | 400 | (3.3) |
|  |  |  |  |
| 47) | Waterproofing Sealers | 250 | (2.1) |
|  |  |  |  |
| 48) | Wood Preservatives | 350 | (2.9) |

BOARD NOTE: Conversion factor: one pound VOM per gallon (U.S.) = 119.95 grams per liter.

b) Limits are expressed in grams of VOM per liter of coating thinned to the manufacturer's maximum recommendation, excluding the volume of any water, exempt compounds, or colorant added to tint bases. "Manufacturers maximum recommendation" means the maximum recommendation for thinning that is indicated on the label or lid of the coating container.

c) Most Restrictive VOM Limit. If anywhere on the container of any architectural coating, or any label or sticker affixed to the container, or in any sales, advertising, or technical literature supplied by a manufacturer or anyone acting on the manufacturer's behalf, any representation is made that indicates that the coating meets the definition of or is recommended for use for more than one of the coating categories listed in subsection (a), then the most restrictive VOM content limit shall apply. This provision does not apply to the coating categories specified in subsections (c)(1) through (c)(21):

1) Lacquer coatings (including lacquer sanding sealers);

2) Metallic pigmented coatings;

3) Shellacs;

4) Fire-retardant coatings;

5) Pretreatment wash primers;

6) Industrial maintenance coatings;

7) Low-solids coatings;

8) Wood preservatives;

9) High-temperature coatings;

10) Temperature-indicator safety coatings;

11) Antenna coatings;

12) Antifouling coatings;

13) Flow coatings;

14) Bituminous roof primers;

15) Specialty primers, sealers, and undercoaters;

16) Conversion varnish;

17) Calcimine recoaters;

18) Impacted immersion coatings;

19) Nuclear coatings;

20) Thermoplastic rubber coating and mastics;

21) Concrete surface retarder.

d) Painting Practices. All architectural coating containers used to apply their contents to a surface directly from the container by pouring, siphoning, brushing, rolling, padding, ragging, or other means shall be closed when not in use. These architectural coatings containers include, but are not limited to, drums, buckets, cans, pails, trays, or other application containers. Containers of any VOM-containing materials used for thinning and cleanup shall also be closed when not in use.

e) Thinning. No person who applies or solicits the application of any architectural coating shall apply a coating that is thinned to exceed the applicable VOM limit specified in subsection (a).

f) Rust Preventive Coatings. No person shall apply or solicit the application of any rust preventive coating for industrial use unless the rust preventive coating complies with the industrial maintenance coating VOM limit specified in subsection (a). If the coating is also regulated under another Part, the more restrictive limit shall apply.

g) Coatings Not Listed in Subsection (a). For any coating that does not meet any of the definitions for the specialty coatings categories listed in subsection (a), the VOM content limit shall be determined by classifying the coating as a flat coating, a non-flat coating, or a non-flat high-gloss coating, based on its gloss, as defined in Section 223.307, and the corresponding flat or non-flat coating limit shall apply.