



Environmental Regulations and Their Impact on LATICRETE Brands (Canada)

TDS 282

Volatile Organic Compounds (VOCs) are substances that participate in atmospheric reactions, or off-gassing, in the presence of ultraviolet light to form ground-level ozone and other compounds. These reactions have wide-ranging effects in that they contribute to smog formation, which can affect human health, corrode buildings and machinery, and damage crops. Some individual volatile organic compounds are a threat to human health and others can persist in, and migrate with, ground-water to drinking-water.

As they have become essential ingredients in many products and materials, organic chemical compounds are everywhere in both indoor and outdoor environments. The main concern indoors is the adverse impact on human health, and while VOCs can also be a health concern outdoors, the bigger concern is their ability to create smog. It is this concern and the desire to prevent the formation of ozone, a constituent of smog that drives the extensive regulation of VOCs.

The L&M Construction Chemical and SPARTACOTE® product lines are impacted by over **60** VOC regulations in dozens of U.S. jurisdictions, in addition to VOC regulations in Canada and Hong Kong.

In Canada, the L&M Construction Chemical and SPARTACOTE product lines are subject to the *Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations* (The Regulations), made under the authority of the *Canadian Environmental Protection Act, 1999*. Unlike the multiple regulatory entities in the US, VOC in Canada is regulated at the federal level only, and the regulations impact the entire country. The Regulations set the maximum VOC concentration for 53 categories of architectural coatings. Products subject to The Regulations must comply by meeting the imposed limits. Products exceeding the imposed VOC limit may be sold under Small Container Exemption (a small container is 1 liter [33.8 oz.] in size or smaller) provided the product meets the definition of a Low Solids Coating* (total product solid is ≤ 1 lb per gallon [125 mL/L]), however, unlike the US regulations, only specific types of coatings are allowed under the Small Container Exemption.

The following are restrictions in place at the time of updating this document. This information is based on our current knowledge of the subject that LATICRETE believes to be reliable. However, LATICRETE makes no warranties express or implied as to its accuracy or validity at the present time. It is the responsibility of the user to take the necessary additional measures to ensure that uses of the product(s) comply with all applicable regulatory requirements.

| Item Number | Description | Packaging | Notes | Small Container Exemption |
|---|--|--|---|---------------------------|
| 8-10-255-2051 8-10-255-1070 8-10-255-1071 | L&M™ CURE R | 3.8 L (1 gal.) 19 L (5 gal.) 209 L (55 gal.) | VOC does not meet limit. This product is not a low solids coating and cannot be sold under Small Container Exemption. | N |
| 8-13-301-1021 8-13-301-1018 8-13-301-1019 | L&M DRESS & SEAL | 4 x 3.8 L (1 gal.) 19 L (5 gal.) 209 L (55 gal.) | VOC does not meet limit. This product is not a low solids coating and cannot be sold under Small Container Exemption. | N |
| 8-13-302-1026 8-13-302-1024 8-13-302-1023 | L&M DRESS & SEAL 30 | 4 x 3.8 L (1 gal.) 19 L (5 gal.) 209 L (55 gal.) | VOC does not meet limit. This product is not a low solids coating and cannot be sold under Small Container Exemption. | N |
| 8-13-307-1043 8-13-307-1044 8-13-307-1045 | L&M LUMISEAL PLUS | 4 x 3.8 L (1 gal.) 19 L (5 gal.) 209 L (55 gal.) | VOC does not meet limit. This product is not a low solids coating and cannot be sold under Small Container Exemption. | N |
| 9111-0005-2 | SPARTACOTE FLEX SB Low Gloss Part A | 19 L (5 gal.) | VOC does not meet limit. This product is not a low solids coating and cannot be sold under Small Container Exemption. | N |
| 9112-0005-2 | SPARTACOTE FLEX SB Low Gloss Part B | 19 L (5 gal.) | VOC does not meet limit. This product is not a low solids coating and cannot be sold under Small Container Exemption. | N |
| 9110-0002-2 | SPARTACOTE FLEX SB Low Gloss 2 gal Kit | 7.6 L (2 gal.) | VOC does not meet limit. This product is not a low solids coating and cannot be sold under Small Container Exemption. | N |

* The "Low-Solids Coatings" category allows for a different way of calculating VOC content as well as a different VOC limit than for other types of coatings by including water in the calculation.

Technical Data Sheets are subject to change without notice. For latest revision, check our website at <https://laticrete.com>
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