

VOC COMPLIANT COATING SOLUTIONS

Primers under 250 grams/liter
Primer Sealers under 340 grams/liter
Colour topcoats under 420 grams/liter
Clear coats under 250 grams/liter

Environment Canada has introduced new VOC limits in automotive refinish and industrial coatings. The regulations will eliminate the sale, import or manufacture of all non-compliant material for automotive refinish.

Endura's line of VOC compliant paint products are formulated to meet and/or exceed the Canadian automotive refinishing guidelines for VOC levels in primers, colour coats and clear coats.

Please visit www.endura.ca/voc for more information and for a listing of compliant products.



Look for the Endura VOC compliant logo on technical data sheets and product web pages to ensure that the products you are choosing are VOC compliant.

ENDURA PAINT

VOC compliant coatings
that meet or exceed the

2010

Canadian automotive
refinishing guidelines

For more information on VOC compliant coatings from Endura please contact us:

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Endura offers coating solutions that provide compliance with all government regulations, as well as industrial grade performance.

- ◇ Excellent Chemical Resistance
- ◇ 10+ year Coating Life Cycle

Endura VOC compliant coatings include:

EX-2C Low VOC

Endura EX-2C low VOC Colour: < 420 grams/liter
Endura EX-2C low VOC is a two component highly cross-linked, high performance polyurethane coating. High gloss, colour retention and outstanding resistance to chemicals, abrasion, and impacts, provide maximum protection and an impressive surface finish. Endura EX-2C low VOC is available in over 40,000 solid, pearl and metallic colours.

CLARITY

Endura Clarity Clear: 248 grams/liter

Endura Clarity is a clear coating designed to give extra protection to solid, metallic, and pearl colours. UV light absorbers provide exceptional ultraviolet light protection and increase the service life of all colours.

ENDURA PAINT

Government of Canada VOC limit chart for automotive refinish.

Product Category	VOC Concentration Limit	
Primer surfacer	250 grams/liter	(2.08 lbs/gallon)
Primer Sealer	340 grams/liter	(2.84 lbs/gallon)
Pre-treatment wash primer	660 grams/liter	(5.50 lbs/gallon)
Adhesion Promoter	840 grams/liter	(7.01 lbs/gallon)
Color coating	420 grams/liter	(3.50 lbs/gallon)
Uniform finish coating	540 grams/liter	(4.50 lbs/gallon)
Truck-bed liner coating	310 grams/liter	(2.58 lbs/gallon)
Temporary protective coating	60 grams/liter	(0.50 lbs/gallon)
Underbody coating	430 grams/liter	(3.58 lbs/gallon)
Single-stage coating	420 grams/liter	(3.50 lbs/gallon)
Multi-color coating	680 grams/liter	(5.67 lbs/gallon)
Clear coating	250 grams/liter	(2.08 lbs/gallon)
Other coatings	250 grams/liter	(2.08 lbs/gallon)
Surface cleaners	50 grams/liter	(0.41 lbs/gallon)

National VOC limit less exempt compounds.

Endura Manufacturing Co. Ltd has a full line of VOC compliant coatings that meet or exceed the Canadian Automotive refinishing guidelines for VOC levels.

Primers (<250 g/L)	Topcoats (<420 g/L)
Caliber Low VOC EP-PA Low VOC EP-HiBuild Guardian EP-521 Low VOC UltraGrip HFE3080	EX-2C Low VOC* Fusion 90 UltraFlex Low VOC EasyClean Low VOC <small>* EX-2C Component A is compliant when mixed 1:1 with Low VOC B (FUB0112)</small>
Sealer (<340 g/L)	Clear coats (<250 g/L)
Delta Low VOC Sealer	Clarity Clear Nexus 80

FREQUENTLY ASKED QUESTIONS

With the new regulations can I continue to use solvent borne coatings?

Yes, you can continue to use solvent borne solutions. Automotive refinishing products can be solvent borne coatings or water borne coatings as long as they meet VOC concentration limits.

Do I need to switch to Low VOC Coatings?

If you are a refinisher and are re-painting equipment defined as a "motor vehicle" or as "mobile equipment" you MUST comply with the regulations and use VOC compliant coatings. Manufacturers, OEM's, and anyone that is painting an object that is not defined as a "Motor Vehicle" or as "Mobile Equipment" are exempt from the regulations and can continue to use non-compliant coatings.

Do the regulations apply to all automotive painting?

No, the regulations do not apply to coatings that are applied to motor vehicles or mobile equipment, or their parts, during manufacture" (Paragraph 2(2)(b) of the Regulations). Equipment manufacturers are exempt from the VOC regulations when painting new mobile equipment.

What are the definitions for "Motor Vehicle" and "Mobile Equipment"?

"Mobile equipment"

Any equipment, other than a motor vehicle, that is capable of being pulled on a highway.

"Motor vehicle"

Any self-propelled vehicle, but does not include
 (a) an aircraft as defined in subsection 3(1) of the Aeronautics Act;
 (b) rolling stock as defined in section 6 of the Canada Transportation Act; or
 (c) a boat, ship or craft designed, used or capable of being used solely or partly for navigation in, on, through or immediately above water.