

**R307. Environmental Quality, Air Quality.**

**R307-357. Consumer Products.**

**R307-357-4. Standards.**

(1) Except as provided in R307-357-6, 7, 8 and 9, no person shall sell, supply, offer for sale, or manufacture for sale any consumer product manufactured on or after the effective date in Table 1 that contains VOCs in excess of the limits specified in Table 1.

TABLE 1  
Table of Standards  
(percent volatile organic compounds by weight)

CATEGORY	EFFECTIVE BEGINNING 9/1/2014
<b>Adhesive Removers:</b>	
Floor and wall covering	5
Gasket or thread locking	50
General purpose	20
Specialty	70
<b>Adhesives:</b>	
Aerosol mist spray	65
Aerosol web spray	55
<b>Special Purpose Spray Adhesives:</b>	
Mounting, automotive Engine compartment, and flexible vinyl	70
Polystyrene foam and automotive headliner	65
Polyolefin and laminate repair/edgebanding	60
Construction, panel, and floor	7
<b>Covering:</b>	
Contact general purpose	55
Contact special purpose	80
General purpose	10
Structural waterproof	15
<b>Air Fresheners:</b>	
Single-phase aerosols	30
Double-phase aerosols	25
Dual-purpose air freshener/disinfectant aerosol	60
Liquids/pump sprays	18
Solids/semisolids	3

<b>Antiperspirants:</b>	
Aerosol	40 HVOC 10 MVOC
Non-aerosol	0 HVOC 0 MVOC
<b>Anti-static product:</b>	
Non-aerosol	11
Aerosol	80
Automotive rubbing or polishing compound	17
<b>Automotive wax, polish, sealant or Glaze:</b>	
Hard paste waxes	45
Instant detailers	3
All other forms	15
Automotive windshield washer fluids	35
<b>Bathroom and Tile Cleaners:</b>	
Aerosols	7
Non-aerosols	1
Brake cleaner	10
Bug and tar remover	40
Carburetor or fuel-injection air intake cleaners	10
<b>Carpet and Upholstery Cleaners:</b>	
Aerosols	7
Non-aerosols (dilutables)	0.1
Non-aerosols (ready-to-use)	3.0
Cooking spray aerosols	18
<b>Disinfectant:</b>	
Aerosol	70
non-aerosol	1
<b>Deodorants:</b>	
Aerosol	0 HVOC 10 MVOC
Non-aerosol	0 HVOC 0 MVOC
<b>Dusting Aids:</b>	
Aerosols	25
All other forms	7
Electrical cleaner	45

Electronic cleaner	75	Aerosol and pump sprays	6
Engine Degreasers:		All other forms	2
Aerosol	10	Heavy-duty hand cleaners or soaps	8
Non-aerosol	5	Insecticides:	
Fabric protectants	60	Crawling bug (aerosol)	15
Fabric refresher:		Crawling bug (all other forms)	20
Aerosol	15	Flea and tick	25
Non-aerosol	6	Flying bug (aerosol)	25
Floor Polishes or Waxes:		Flying bug (all other forms)	35
Resilient flooring materials	1	Foggers	45
Nonresilient flooring materials	1	Lawn and garden (all other forms)	20
Wood floor wax	90	Lawn and garden (non-aerosol)	3
Footwear or leather care products:		Wasp and hornet	40
Aerosol	75	Laundry Prewashes:	
Solid	55	Aerosols/solids	22
Other forms	15	All other forms	5
Furniture Maintenance Products:		Laundry starch products	4.5
Aerosols	17	Metal polishes/cleansers	30
Non-aerosol (except solid or paste)	3	Multi-Purpose lubricants (excluding solid or semi-solid products)	50
General Purpose Cleaners:		Nail Polish Removers	1
Aerosols	8	Non-selective terrestrial herbicides, non-aerosols	3
Non-aerosols	4	Oven or Grill Cleaners:	
General Purpose Degreasers:		Aerosols/pump sprays	8
Aerosols	10	Non-aerosols	4
Non-aerosols	4	Paint remover or strippers	50
Glass Cleaners:		Paint Thinner	30
Aerosols	12	Penetrants	50
Non-aerosols	4	Rubber or Vinyl Protectants:	
Graffiti Remover:		Non-aerosols	3
Aerosols	50	Sanitizer:	
Non-aerosols	30		
Hair mousses	6		
Hair shines	55		
Hairsprays	55		
Hair styling gels	6		
Hair Styling Products:			

Aerosol	70
Non-aerosols	1
Sealants and caulking compounds	4
Shaving creams	5
Shaving gel	4
Silicone-based multi-purpose lubricants (excluding solid or semi-solid products)	60
Spot Removers:	
Aerosols	25
Non-aerosols	8
Temporary hair color aerosol	55
Tire sealants and inflators	20
Toilet/urinal care:	
Aerosols	10
Non-aerosol	3
Undercoatings, aerosols	40
Wood Cleaner:	
Aerosol	17
Non-Aerosol	4
	EFFECTIVE BEGINNING 1/1/15
Multi-purpose Solvent	3
	EFFECTIVE BEGINNING 1/1/16
Paint Thinner:	3
Rubber or Vinyl Protectant Aerosols:	10

(2) For consumer products for which the label, packaging, or accompanying literature specifically states that the product should be diluted with water or non-VOC solvent prior to use, the limits specified in Table 1 shall apply to the product only after the minimum recommended dilution has taken place. For purposes of this subsection, "minimum recommended dilution" shall not include recommendations for incidental use of a concentrated product to deal with limited special applications such as hard to remove soils or stains.

(3) For consumer products for which the label, packaging, or accompanying literature states that the product should be diluted with any VOC solvent prior to use, the limits specified in Table 1 shall apply to the product only after the maximum recommended dilution has taken place.

(4) Effective September 1, 2016, no person shall sell, supply, offer for sale, or manufacture for use any aerosol adhesive, adhesive removers, and graffiti removers that contain methylene chloride, perchloroethylene, or trichloroethylene.

Sell-through products of aerosol adhesive, adhesive removers, and graffiti removers that contain methylene chloride,

perchloroethylene, or trichloroethylene and were manufactured before September 1, 2016, may be sold, supplied, or offered for sale so long as the product container or package displays the date on which the product was manufactured.

(5) No person shall sell, supply, offer for sale, or manufacture any floor wax stripper unless the following requirements are met:

(a) The label of each non-aerosol floor wax stripper shall specify a dilution ratio for light or medium build-up of polish that results in an as-used VOC concentration of 3% by weight or less.

(b) If a non-aerosol floor wax stripper is also intended to be used for removal of heavy build-up of polish, the label of that floor wax stripper shall specify a dilution ratio for heavy build-up of polish that results in an as-used VOC concentration of 12% by weight or less.

(6) Products containing ozone-depleting compounds. For any consumer product for which standards are specified under R307-357-4, no person shall sell, supply, offer for sale, or manufacture for sale any consumer product that contains any of the following ozone-depleting compounds:

- (a) CFC 11 (trichlorofluoromethane);
- (b) CFC 12 (dichlorodifluoromethane);
- (c) CFC 113 (1,1,1 trichloro 2,2,2 trifluoroethane);
- (d) CFC 114 (1 chloro 1,1 difluoro 2 chloro 2,2 difluoroethane);

- (e) CFC 115 (chloropentafluoroethane);
- (f) Halon 1211 (bromochlorodifluoromethane);
- (g) Halon 1301 (bromotrifluoromethane);
- (h) Halon 2402 (dibromotetrafluoroethane);
- (i) HCFC 22 (chlorodifluoromethane);
- (j) HCFC 123 (2,2 dichloro 1,1,1 trifluoroethane);
- (k) HCFC 124 (2 chloro 1,1,1,2 tetrafluoroethane);
- (l) HCFC 141b (1,1 dichloro 1 fluoroethane);
- (m) HCFC 142b (1 chloro 1,1 difluoroethane);
- (n) 1,1,1 trichloroethane; and
- (o) Carbon tetrachloride.

(7) The requirements of R307-357-4(6) shall not apply to any existing product formulation that complies with Table 1 or any existing product formulation that is reformulated to meet the standards set in Table 1, provided the ozone-depleting compound content of the reformulated product does not increase.

(8) The requirements of R307-357-4(6) shall not apply to any ozone-depleting compounds that may be present as impurities in a consumer product in an amount equal to or less than 0.01% by weight of the product.

**KEY: air pollution, consumer products**

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