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a gram (g O_3/g VOC). The RF values for individual compounds and hydrocarbon solvent mixtures are specified in Tables 2A, 2B, and 2C of this subpart.

Retailer means any person who sells, supplies, or offers aerosol coating products for sale directly to consumers. Retailers who fall within the definition of ''distributor'' in this section are distributors.

Retail Outlet means any establishment where consumer products are sold, supplied, or offered for sale, directly to consumers.

Shellac Sealer means a clear or pigmented coating formulated solely with the resinous secretion of the lac beetle (*Laccifer lacca*), thinned with alcohol, and formulated to dry by evaporation without a chemical reaction.

Slip-Resistant Coating means a coating designed and labeled exclusively as such, which is formulated with synthetic grit and used as a safety coating.

Small quantity manufacturer means a manufacturer whose total VOC by mass included in all aerosol coatings manufactured at all facilities in a given calendar year, in the aggregate, is less than 7,500 kilograms.

Spatter Coating/Multicolor Coating means a coating labeled exclusively as such wherein spots, globules, or spatters of contrasting colors appear on or within the surface of a contrasting or similar background.

Stain means a coating which is designed and labeled to change the color of a surface but not conceal the surface.

United States means the United States of America, including the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands.

Vinyl/Fabric/Leather/Polycarbonate Coating means a coating designed and labeled exclusively to coat vinyl, fabric, leather, or polycarbonate substrates or to coat flexible substrates including rubber or thermoplastic substrates.

Volatile Organic Compound (VOC) means any organic compound as defined in §51.100(s) of this chapter. As provided in 40 CFR 51.100(s)(7), exemptions from the definition of VOC in 40 CFR 51.100(s) for certain compounds that are used in aerosol coatings are inapplicable for purposes of this subpart.

Webbing/Veiling Coating means a coating designed and labeled exclusively to provide a stranded to spider webbed appearance when applied.

Weight Fraction means the weight of an ingredient divided by the total net weight of the product, expressed to thousandths of a gram of ingredient per gram of product (excluding container and packaging).

Weld-Through Primer means a coating designed and labeled exclusively to provide a bridging or conducting effect for corrosion protection following welding.

Wood Stain means a coating which is formulated to change the color of a wood surface but not conceal the surface.

Wood Touch-Up/Repair/Restoration means a coating designed and labeled exclusively to provide an exact color or sheen match on finished wood products.

Working Day means any day from Monday through Friday, inclusive, except for days that are Federal holidays.

§59.504 What limits must I meet?

(a) Except as provided in §59.509, each aerosol coating product you manufacture, distribute or import for sale or use in the United States must meet the PWR limits presented in Table 1 of this subpart. These limits apply to the final aerosol coating, including the propellant. The PWR limits specified in Table 1 of this subpart are also applicable to any aerosol coating product that is assembled by adding bulk coating to aerosol containers of propellant.

(b) If a product can be included in both a general coating category and a specialty coating category and the product meets all of the criteria of the specialty coating category, then the specialty coating limit will apply instead of the general coating limit, unless the product is a high temperature coating. High-temperature coatings that contain at least 0.5 percent by

weight of an elemental metallic pigment in the formulation, including propellant, are subject to the limit specified for metallic coatings.

(c) Except as provided in paragraph (b) of this section, if anywhere on the container of any aerosol coating product subject to the limits in Table 1 of this subpart, or on any sticker or label affixed to such product, or in any sales or advertising literature, the manufacturer, importer or distributor of the product makes any representation that the product may be used as, or is suitable for use as a product for which a lower limit is specified, then the lowest applicable limit will apply.

§ 59.505 How do I demonstrate compliance with the reactivity limits?

(a) To demonstrate compliance with the PWR limits presented in Table 1 of this subpart, you must calculate the PWR for each coating as described in paragraphs (a)(1) through (2) of this section:

(1) Calculate the weighted reactivity factor (WRF) for each propellant and coating component using Equation 1:

$$WRF_i = RF_i \times WF_i \qquad \text{Equation 1}$$

Where:

WRF_i = weighted reactivity factor of component i, g O_3/g component i.

RF_i = reactivity factor of component i, g O_3/g component i, from Table 2A, 2B, or 2C.

WF_i = weight fraction of component i in the product,

(2) Calculate the PWR of each product using Equation 2:

$$PWR_p = (WRF)_1 + (WRF)_2 + \ldots + (WRF)_n \qquad \text{Equation 2}$$

Where:

PWR_p = PWR for product P, g O_3/g product.

WRF_1 = weighted reactivity factor for component 1, g O_3/g component.

WRF_2 = weighted reactivity factor for component 2, g O_3/g component.

WRF_n = weighted reactivity factor for component n, g O_3/g component.

(b) In calculating the PWR, you must follow the guidelines in paragraphs (b)(1) through (b)(4) of this section.

(1) Any ingredient which does not contain carbon is assigned a RF value of 0.

(2) Any aerosol coating solid, including but not limited to resins, pigments, fillers, plasticizers, and extenders is assigned a RF of 0. These items do not have to be identified individually in the calculation.

(3) All individual compounds present in the coating in an amount equal to or exceeding 0.1 percent will be considered ingredients regardless of whether or not the ingredient is reported to the manufacturer.

(4) All individual compounds present in the coating in an amount less than 0.1 percent will be assigned an RF value of 0.

(5) Any component that is a VOC but is not listed in Table 2A, 2B, or 2C of this subpart is assigned an RF value as detailed in paragraph (e) of this section.

(c) You may use either formulation data (including information for both the liquid and propellant phases), California Air Resources Board Method 310—Determination of Volatile Organic Compounds (VOC) in Consumer Products and Reactive Organic Compounds in Aerosol Coating Products (May 5, 2005) (incorporated by reference in 59.515), or EPA's Method 311—Analysis of Hazardous Air Pollutant Compounds in Paints and Coatings by Direct Injection into a Gas Chromatograph (40 CFR part 63, appendix A), to calculate the PWR. However, if there are inconsistencies between the formulation data and the California Air Resources Board Method 310 (May 5, 2005) (incorporated by reference in 59.515), or EPA Method 311—Analysis of Hazardous Air Pollutant Compounds in Paints and Coatings by Direct Injection into a Gas Chromatograph (40 CFR part 63, appendix A) results, the California Air Resources Board Method 310 (May 5, 2005) (incorporated by reference in 59.515), or EPA