

**Environmental Protection Agency**

**§ 63.5753**

$$HAP_{WD} = \frac{\sum_{j=1}^n (Vol_j)(D_j)(W_j)}{\sum_{i=1}^m (Vol_i)(Solids_i)} \quad (\text{Eq. 1})$$

Where:

HAP<sub>WD</sub> = weighted-average organic HAP content of aluminum wipedown solvents, kilograms of HAP per liter of total coating solids from aluminum primers, top coats, and clear coats.

n = number of different wipedown solvents used in the past 12 months.

Vol<sub>j</sub> = volume of aluminum wipedown solvent j used in the past 12 months, liters.

D<sub>j</sub> = density of aluminum wipedown solvent j, kilograms per liter.

W<sub>j</sub> = mass fraction of organic HAP in aluminum wipedown solvent j.

m = number of different aluminum surface coatings (primers, top coats, and clear coats) used in the past 12 months.

Vol<sub>i</sub> = volume of aluminum primer, top coat, or clear coat i used in the past 12 months, liters.

Solids<sub>i</sub> = solids content aluminum primer, top coat, or clear coat i, liter solids per liter of coating.

(b) Compliance is based on a 12-month rolling average. If the weighted-average organic HAP content does not exceed 0.33 kilograms of organic HAP per liter of total coating solids, then you are in compliance with the emission limit specified in § 63.5743(a)(1).

**§ 63.5752 How do I calculate the organic HAP content of aluminum recreational boat surface coatings?**

(a) Use equation 1 of this section to calculate the weighted-average HAP content for all aluminum surface coatings used in the past 12 months.

$$HAP_{SC} = \frac{\sum_{i=1}^m (Vol_i)(D_i)(W_i) + \sum_{k=1}^D (Vol_k)(D_k)(W_k)}{\sum_{i=1}^m (Vol_i)(Solids_i)} \quad (\text{Eq. 1})$$

Where:

HAP<sub>SC</sub> = weighted-average organic HAP content for all aluminum coating materials, kilograms of organic HAP per liter of coating solids.

m = number of different aluminum primers, top coats, and clear coats used in the past 12 months.

Vol<sub>i</sub> = volume of aluminum primer, top coat, or clear coat i used in the past 12 months, liters.

D<sub>i</sub> = density of coating i, kilograms per liter.  
W<sub>i</sub> = mass fraction of organic HAP in coating i, kilograms of organic HAP per kilogram of coating.

p = number of different thinners, activators, and other coating additives used in the past 12 months.

Vol<sub>k</sub> = total volume of thinner, activator, or additive k used in the past 12 months, liters.

D<sub>k</sub> = density of thinner, activator, or additive k, kilograms per liter.

W<sub>k</sub> = mass fraction of organic HAP in thinner, activator, or additive k, kilograms of

organic HAP per kilogram of thinner or activator.

Solids<sub>i</sub> = solids content of aluminum primer, top coat, or clear coat i, liter solids per liter of coating.

(b) Compliance is based on a 12-month rolling average. If the weighted-average organic HAP content does not exceed 1.22 kilograms of organic HAP per liter of coating solids, then you are in compliance with the emission limit specified in § 63.5743(a)(2).

**§ 63.5753 How do I calculate the combined organic HAP content of aluminum wipedown solvents and aluminum recreational boat surface coatings?**

(a) Use equation 1 of this section to calculate the combined weighted-average organic HAP content of aluminum wipedown solvents and aluminum recreational boat surface coatings.