



EMISSIONS INVENTORY INFORMATION
For Inventory Year – 2011
AUTO BODYSHOP VOC CALCULATIONS

****PLEASE NOTE**** A VOC SUMMARY FROM YOUR COATINGS SUPPLIERS SERVES AS AN ACCEPTABLE SUBSTITUTION TO THIS FORM.

Company Name _____ **Contact Initials** _____

Report all solvent containing materials including paints, toners, thinners, and cleaners. Include materials used by renters of your booth. Enter the **as-purchased** VOC content. If more than one product is used in a category, report the weighted average VOC content. See AVERAGE VOCS in Note (1) below. Please fill in each column and retain a copy for your records.

VOC EQUATION: Annual Use x VOC Content = VOCs
EXAMPLE: 23 gallons x 3.5 lb/gal = 80.50 lb/yr

Product Line: _____

Use a separate form for each product line or manufacturer.

| Type of Product | Product Name | Manufacturer | Use (gal/yr) | VOC Content ¹ (lb/gal) | VOCs (lb/yr) |
|--|--------------|--------------|--------------|-----------------------------------|--------------|
| 1. Wax/Grease Remover | | | | | |
| 2. Surface Prep. Solvent | | | | | |
| 3. Gun Washer Solvent | | | | | |
| 4. Thinner/solvent/reducer | | | | | |
| 5. Pretreatment wash primer | | | | | |
| Catalyst/activator/hardener | | | | | |
| 6. Primer/Primer Surfacer/Precoat | | | | | |
| Catalyst/activator/hardener | | | | | |
| 7. Primer Sealer | | | | | |
| Catalyst/activator/hardener | | | | | |
| 8. <u>Single</u> Basecoat | | | | | |
| <u>Stage</u> Catalyst/activator/hardener | | | | | |
| 9. <u>Multi</u> Basecoat ² | | | | | |
| <u>Stage</u> Midcoat | | | | | |
| Catalyst/activator/hardener | | | | | |
| 10. Clear coats | | | | | |
| Catalyst/activator/hardener | | | | | |
| 11. Tints and Toners | | | | | |
| 12. Specialty Coatings ³ | | | | | |
| | | | | Total VOCs: | |

- (1) Check MSDS. Contact your supplier, if MSDS is not clear. Use an average VOC content if you have many different products. To calculate the weighted average, multiply each VOC content by the volume used, sum, then divide the sum by the total volume used. Example: I used three products with these VOC contents: 2 gal of BR at 3.15 lb/gal; 12 gal of TR at 2.15 lb/gal; and 19 gal of GH at 2.25 lb/gal. Average VOC content = $(2 \times 3.15 + 12 \times 2.15 + 19 \times 2.25) / (2 + 12 + 19) = 2.29$ lb/gal. **Watch your units (lb/gallon).**
- (2) This category includes all two or more stage coatings.
- (3) Include coatings for plastics (bumpers, trim, and molding) and texture coating for rocker panels.