



# FORM 5: AUTO BODYSHOP VOC CALCULATIONS

Facility ID \_\_\_\_\_ Facility Name \_\_\_\_\_ Contact \_\_\_\_\_

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.

Manufacturer - Product Line: \_\_\_\_\_ *Use a separate form for each product line or manufacturer.*

Estimated total operating days / year \_\_\_\_\_ days

**PLEASE NOTE \*\*\*\* A VOC SUMMARY FROM YOUR COATINGS SUPPLIERS SERVES AS AN ACCEPTABLE SUBSTITUTE FOR THE REMAINDER OF THIS FORM \*\*\*\*.**

Type of Product	Product Name	Use (gal/yr)	VOC Content <sup>1</sup> (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. Single Stage - Basecoat Catalyst/activator/hardener				
9. Multi-stage - Basecoat <sup>2</sup> Midcoat Catalyst/activator/hardener				
10. Clear coats Catalyst/activator/hardener				
11. Tints and Toners				
12. Specialty Coatings <sup>3</sup>				
			<b>Total VOCs:</b>	

- 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. Be sure to use the correct units of measure (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.