

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

939 Ellis Street . . . San Francisco, CA 94109 . . . (415) 749-4990  
 Fax (415) 749-5030 . . . www.baaqmd.gov

**DATA FORM S**  
**Surface Coating / Solvent Source**

(if unknown, leave blank)

1. Business Name: \_\_\_\_\_ Plant No: \_\_\_\_\_

2. SIC No: \_\_\_\_\_ Date of Initial Operation (new): \_\_\_\_\_ Date of start-up (modification): \_\_\_\_\_

3. Name or Description \_\_\_\_\_ Source No. \_\_\_\_\_ S \_\_\_\_\_

4. Make, Model, and Rated Capacity of Equipment \_\_\_\_\_

5. Operating time: \_\_\_\_\_ hours/day \_\_\_\_\_ days/week \_\_\_\_\_ weeks/year

6. Typical % of total annual usage: Dec-Feb \_\_\_\_\_% Mar-May \_\_\_\_\_% Jun-Aug \_\_\_\_\_% Sep-Nov \_\_\_\_\_%

7. Solvent evaporation emissions at *this* source vent directly to:  atmosphere (not through stack)  
 source(s): S \_\_\_\_\_ S \_\_\_\_\_  abatement device(s): A \_\_\_\_\_ A \_\_\_\_\_  emission point(s): P \_\_\_\_\_ P \_\_\_\_\_

Complete one of the parts below. Check:  Part A  Part B  Part C  Part D\*\*  Part E  Part F  Part G

**Part A - Surface Coater**

8. Coater type:  dipping  flow coater  roller coater  spray booth  other \_\_\_\_\_

9. If sprayer, check method:  electrostatic (air-atomized)  electrostatic (airless)  electrostatic (disc)  
 air-atomized  airless  other \_\_\_\_\_

10. Does this coater apply only "complying" coatings as defined in BAAQMD Regulation 8?  yes  no

11. Of the total solvent in the coating(s), what percent evaporates at this source (applicator)? \_\_\_\_\_%

12.  Check box if after application, heat is used for drying, baking, curing or polymerizing the coating. Complete another form S for each dryer/oven, and specify Source Number(s) here: S \_\_\_\_\_ S \_\_\_\_\_  
 Of the total solvent in the coating(s), estimate what percent evaporates in the dryer(s) \_\_\_\_\_%

13. Solvent used for cleanup at this source: Total, last 12 months \_\_\_\_\_ gal Material Code\* \_\_\_\_\_

Complete the following table for coatings as *applied* (after thinning, etc.)

	<i>Most Applied Coating</i>	<i>2nd Most Applied Coating</i>	<i>All Remaining Coatings (total)</i>
14. Material Code* for coating-----			
15. Total coating applied, last 12 months (gal)-----			
16. Percent Solids, by volume-----	%	%	%
17. Percent organic solvent, by volume-----	%	%	%
18. Density of organic solvent (lb/gal) -----			
<b>Composition of Organic Solvent:</b>			
19. a) largest component - % of organic solvent-----	%	%	%
20. - Material Code* -----			
21. b) 2nd largest component - % of organic solvent-----	%	%	%
22. - Material Code* -----			

Person completing this form: \_\_\_\_\_ Date: \_\_\_\_\_

\*\* For printing presses, complete Part A, line #'s 14 through 22

\* See separate listing for Material Codes. If material is not listed, write name of material in place of code.

*For Office Use Only*

Plt #	S#	Initials	Date

**Part B - Coating Dryer (If this source burns fuel, complete a Form C for it also)**

23. Operation:  hot air/gas dryer  coating oven  curing oven  infrared  other: \_\_\_\_\_

24. Temperature \_\_\_\_\_°F oxygen present?  yes  no Which coating applicator(s)? S\_\_\_\_\_ S\_\_\_\_\_ S\_\_\_\_\_

**Part C - Solvent Cleaner**

25. Operation:  degreaser  dry cleaning  other: \_\_\_\_\_

26. Net solvent usage, total last 12 months: \_\_\_\_\_gal If solvent is heated, give temperature \_\_\_\_\_°F

27. Is all solvent used in this source "complying" as defined in BAAQMD Regulation 8?  yes  no

28. Solvent used most: Material Code\* \_\_\_\_\_ density \_\_\_\_\_lb/gal percent of total used \_\_\_\_\_%

29. Solvent used **2nd** most: Material Code\* \_\_\_\_\_ density \_\_\_\_\_lb/gal percent of total used \_\_\_\_\_%

**Part D - Printing Press (Complete Part A, lines #'s 14 through 22 on Page 1)**

30. Type:  flexographic  rotogravure  letterpress  lithographic  silk screen  other: :\_\_\_\_\_

31. Total ink used, last 12 months: \_\_\_\_\_lb or \_\_\_\_\_gal or \_\_\_\_\_tons

32. Total solvent used for cleanup, etc., last 12 months: \_\_\_\_\_gal Material Code\* \_\_\_\_\_

**Part E - Fiberglass Operation**

33. Operation:  dip  layup  molding  spray (chopper gun)  spray (other)  other \_\_\_\_\_

34. Specify resin used \_\_\_\_\_ Total volume used, last 12 months \_\_\_\_\_gal  
 Volume percent styrene \_\_\_\_\_% Volume percent other volatile organics \_\_\_\_\_%

35. Specify Catalyst used \_\_\_\_\_ Total volume used, last 12 months \_\_\_\_\_gal

36. Total solvent used for cleanup, etc., last 12 months \_\_\_\_\_gal Material Code\* \_\_\_\_\_

**Part F - Manufacture of Coatings, Solvents, etc.**

37. Solvent used for cleanup at this source: Total, last 12 months \_\_\_\_\_gal Material Code\* \_\_\_\_\_

	Highest Production	2nd Highest Production	All Remaining Production
38. Material manufactured (Material Code*).....			
39. Quantity manufactured, last 12 months (1,000 gal).....			
40. Solvent used (Material Code*).....			
41. Solvent evaporated during manufacturing, as volume% of material produced .....	%	%	%

**Part G Other Solvent Use (for tankage emissions, complete Form T)**

42. Solvent evaporated most at this source: Material Code\* \_\_\_\_\_ Total evaporated, last 12 mo. \_\_\_\_\_gal

43. Solvent evaporated **2nd** most at this source: Material Code\* \_\_\_\_\_ Total evaporated, last 12 mo. \_\_\_\_\_gal

\* See separate listing for Material Codes. If material is not listed, write name of material in place of code.