

**FORM AS100**  
**ADHESIVES AND SEALANTS PRODUCTS OPERATION**

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**Business License Name of organization that is to receive permit:**

Describe nature of business (types of materials coated, purpose/use of products, etc.)

Facility began operation: \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_ Year

Anticipated start date: \_\_\_\_\_ Estimated completion date: \_\_\_\_\_

My painting operation is  Always in a booth  Always outside a booth  A combination

If a spray booth is used, fill in the following:

Booth Manufacturer: \_\_\_\_\_ Model Number: \_\_\_\_\_ Serial Number: \_\_\_\_\_

Booth outside dimensions: \_\_\_\_\_ wide x \_\_\_\_\_ high x \_\_\_\_\_ deep

Spray booth exhaust control: \_\_\_\_\_ dry filters \_\_\_\_\_ waterwash (Horsepower of pump \_\_\_\_\_ )

Number of exhaust fans: \_\_\_\_\_ Horsepower of each fan: \_\_\_\_\_

Is a pressure differential gauge installed on booth?  Yes  No MFG recommended range \_\_\_\_\_

Type of coating application method: \_\_\_\_\_ HVLP \_\_\_\_\_ electrostatic \_\_\_\_\_ air-assisted airless

\_\_\_\_\_ LVLP \_\_\_\_\_ airless \_\_\_\_\_ air-atomized

\_\_\_\_\_ other (describe)  
\_\_\_\_\_

Operating schedule: \_\_\_\_\_ hours/day \_\_\_\_\_ days/week \_\_\_\_\_ weeks/year

Disposition of sprayed items: \_\_\_\_\_ air dried \_\_\_\_\_ forced dried

If forced dried: \_\_\_\_\_ electric \_\_\_\_\_ natural gas (BTU/Hr \_\_\_\_\_ )

Will alternative compliance be requested for the operation of this equipment or process?

\_\_\_\_\_ yes \_\_\_\_\_ no

If alternative compliance will be requested, please include monthly or quarterly product usage with your application.

Please complete Adhesive and Sealant Usage forms.

This information will be used to determine the maximum emission levels to be imposed in the permit conditions.

## ADHESIVE AND SEALANT USAGE

List total **maximum** expected usage by type . (See Form AS102 for definitions of Adhesive and Sealant Products Types)

<b>TABLE 1 ADHESIVES/ADHESIVE PRIMERS</b>		
<b>Type of Specialty Adhesive/Adhesive Primer</b>	<b>Product Code and Manufacturer</b>	<b>Maximum Expected Usage "As Applied" (gallons/year)</b>
ABS Welding Adhesive		
Automotive Glass Adhesive Primer		
Ceramic Tile Installation Adhesive		
Computer Diskette Jacket Manufacturing Adhesive		
Cove Base Installation Adhesive		
CPVC Welding Adhesive		
Indoor Floor Covering Installation Adhesive		
Metal to Urethane/Rubber Molding or Casting Adhesive		
Multipurpose Construction Adhesive		
Non-Membrane Roof Installation/Repair Adhesive		
Outdoor Floor Covering Installation Adhesive		
Plastic Cement Welding Adhesive Primer		
PVC Welding Adhesive		
Single-Ply Roof Membrane Adhesive Primer		
Single-Ply Roof Membrane Installation/Repair Adhesive		
Structural Glazing Adhesive		
Thin Metal Laminating Adhesive		
Tire Retread Adhesive		
Traffic Marking Tape Adhesive Primer		
Waterproof Resorcinol Glue		
Other Plastic Cement Welding Adhesive		
Other Adhesive Primer		

<b>TABLE 2 CONTACT ADHESIVES</b>		
<b>Type of Product</b>	<b>Product Code and Manufacturer</b>	<b>Maximum Expected Usage "As Applied" (gallons/year)</b>
Contact Adhesive		
Contact Adhesives – Specialty Substrates		

**TABLE 3**  
**ADHESIVE APPLICATIONS ONTO SUBSTRATES**  
(Pertaining to Adhesives Other Than the Adhesives in Tables 1, 2, and 4)

Adhesive Applications Onto Substrates	Product Code and Manufacturer	Maximum Expected Usage "As Applied" (gallons/year)
ADHESIVE APPLIED IN BONDING: <b>Flexible Vinyl to Flexible Vinyl</b>		
ADHESIVE APPLIED IN BONDING: <b>Flexible Vinyl to Any Other Substrate</b>		
ADHESIVE APPLIED TO: <b>Fiberglass</b>		
ADHESIVE APPLIED TO: <b>Metal</b>		
ADHESIVE APPLIED TO: <b>Plastic Foam</b>		
ADHESIVE APPLIED TO: <b>Porous Material (e.g., Wood—but not Plastic and Plastic Foam)</b>		
ADHESIVE APPLIED TO: <b>Rubber</b>		
ADHESIVE APPLIED TO: <b>Other Substrates</b>		

**TABLE 4**  
**AEROSOLS**

Type of Aerosol	Product Code and Manufacturer	Maximum Expected Usage "As Applied" (gallons/year)
Aerosol Adhesive Aerosol Adhesive Primer		

**TABLE 5**  
**SEALANTS AND SEALANT PRIMERS**

Type of Sealant/Sealant Primer	Product Code and Manufacturer	Maximum Expected Usage "As Applied" (gallons/year)
Architectural Sealant		
Marine Deck Sealant		
Marine Deck Sealant Primer		
Nonmembrane Roof Installation/Repair Sealant		
Non-Porous Architectural Sealant Primer		
Porous architectural sealant primer		
PVC Welding Sealant		
Roadway Sealant		
Single-Ply Roof Membrane Sealant		
Other Sealant		
Other Sealant Primer		

**TABLE 6  
SOLVENTS USED FOR SURFACE  
PREPARATION, CLEANUP, AND STRIPPER SOLVENTS**

<b>Adhesive or Sealant Product Activity For Which the Solvent Is Used</b>	<b>Product Code and Manufacturer</b>	<b>Maximum Expected Usage "As Applied" (gallons/year)</b>
SUBSTRATE PREPARATION: Single-Ply Roof Membrane installation/Repair		
SUBSTRATE PREPARATION: Electronic Components		
SUBSTRATE PREPARATION: Medical Devices		
SUBSTRATE PREPARATION: Other Substrates		
CLEANUP: Cleaning a Spray Gun in an Enclosed Gun Cleaner		
CLEANUP: Soaking of Application Equipment in a Closed Container		
CLEANUP: Application Equipment —No Closed Container, No Enclosed Gun Cleaner		
CLEANUP: Other Than Adhesive or Sealant Product Application Equipment		
STRIPPER: Adhesive or Sealant Products on Wood		
STRIPPER: Adhesive or Sealant Products on Substrates Other Than Wood		