

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

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		



## DEFINITIONS -- ADHESIVES AND SEALANTS PRODUCTS TYPE

As stated in Sacramento Metropolitan Air Quality Management District Rule 460

COATING TYPE	DEFINITION
Acrylonitrile-Butadiene Styrene (ABS) Welding Adhesive	Any adhesive intended by the manufacturer to weld acrylonitrile-butadiene-styrene (ABS) pipe. ABS pipe is made by reacting monomers of acrylonitrile, butadiene, and styrene and is normally identified with an ABS marking.
Adhesive	Any substance that is used to bond one surface to another surface by attachment.
Adhesive or Sealant Product	Any adhesive, adhesive primer, aerosol adhesive, aerosol adhesive primer, sealant, or sealant primer, as sold by the manufacturer or as applied.
Adhesive Primer	A coating applied to a substrate, prior to the application of an adhesive, to provide a bonding surface.
Aerosol Adhesive/Aerosol Adhesive Primer	An adhesive or adhesive primer consisting of a mixture of rubber, resins, liquid and/or gaseous solvents, and propellants packaged in a hand-held, pressurized, non-refillable container. The container expels pressurized aerosol materials in a finely divided spray when a valve on the container is depressed.
Aerosol Cleaning Solvent	A material used as a surface preparation solvent, a cleanup solvent, or as a stripper and consisting of liquid and/or gaseous solvent and propellants packaged in a hand-held, pressurized, non-refillable container. The container expels pressurized aerosol materials in a finely divided spray when a valve on the container is depressed.
Architectural Sealant/Primer	Any sealant or sealant primer intended by the manufacturer to be applied to stationary structure, including mobile homes, and their appurtenance. Appurtenances to a structure include, but are not limited: hand railings, cabinets, bathroom and kitchen fixtures, fences, rain gutters and downspouts, and windows.
Ceramic Tile Installation Adhesive	Any adhesive intended by the manufacturer for the installation of ceramic tiles.
Chlorinated Polyvinyl Chloride (CPVC) Welding Adhesive	Any adhesive intended by the manufacturer to weld CPVC plastic pipe.
Cleanup Solvent	A VOC-containing material used to: <ol style="list-style-type: none"> <li>1. Remove loosely held uncured (i.e., not dry to the touch) adhesive or sealant from a substrate, or</li> <li>2. Clean equipment used in applying an adhesive or sealant product.</li> </ol>
Computer Diskette Jacket manufacturing Adhesive	Any adhesive intended by the manufacturer to bond the fold-over flaps to the body of a vinyl computer diskette jacket.
Contact Adhesive	An adhesive that forms an instantaneous bond that cannot be repositioned when substrates, on which the adhesive is applied and allowed to dry, are brought together using momentary pressure.

DEFINITIONS - ADHESIVES AND SEALANTS PRODUCTS OPERATIONS (CONTINUED)

COATING TYPE	DEFINITION
Contact Adhesives-Specialty Substrates	An adhesive that is intended by the manufacturer to be used for bonding of nonporous substrates to each other, the bonding of decorative laminate in postforming application, or for the bonding of decorative laminate to metal, melamine-covered board, or curved surfaces, or when used to bond any substrate to metal, rubber, rigid plastic, or wood veneer not exceeding 1/16" in thickness.
Cove Base Installation Adhesive	Any adhesive intended by the manufacturer for the installation of cove base (or wall base), which is generally made of vinyl or rubber, onto a wall or vertical surface at floor level.
Indoor Floor Covering Installation Adhesive	Any adhesive intended by the manufacturer for the installation of wood flooring, carpet, carpet pads, rubber flooring, resilient tile, vinyl tile, vinyl backed carpet, resilient sheet and roll, or artificial grass. Such installed materials are in an enclosure and are not exposed to ambient weather conditions during normal use. Indoor floor covering installation does not include ceramic tile installation or subfloor installation.
Marine Deck Sealant/Sealant Primer	Any sealant or sealant primer intended by the manufacturer to seal gaps on wooden marine decks.
Metal To Urethane/Rubber Molding or Casting Adhesive	An adhesive intended by the manufacturer to bond metal to high-density or elastomeric urethane or molded rubber materials, in heater molding or casting processes, to fabricate products such as rollers for computer printers or other paper handling equipment.
Multipurpose Construction Adhesive	Any adhesive primer intended by the manufacturer for the installation or repair of various construction materials, including, but not limited to, drywall, subfloor, panel, fiberglass reinforced plastic, ceiling tile, and acoustical tile.
Non-Membrane Roof Installation/Repair Adhesive/ Sealant	Any adhesive or sealant intended by the manufacturer for the installation or repair of non-membrane roofs, but is not intended for the installation of prefabricated single-ply roof membrane. With regard to non-membrane roof installation/repair adhesives, the category includes plastic or asphalt roof cement, asphalt roof coating, and cold application installation.
Outdoor Floor Covering Installation Adhesive	Any adhesive intended by the manufacturer for the installation of floor covering that is not an enclosure and is exposed to ambient weather conditions during normal use. Outdoor floor covering installation does not include ceramic tile installation or subfloor installation.
Plastic Cement Welding Adhesive	Any adhesive made of resins and solvents that is formulated to dissolve the surfaces of plastic to form a bond between mating surfaces.

DEFINITIONS - ADHESIVES AND SEALANTS PRODUCTS OPERATIONS (CONTINUED)

COATING TYPE	DEFINITION
Plastic Cement Welding Adhesive Primer	Any primer intended by the manufacturer to prepare plastic substrates prior to bonding or welding.
Polyvinyl Chloride (PVC) Welding Adhesive	Any adhesive intended by the manufacturer to weld PVC plastic pipe.
PVC Welding Sealant	A sealant designed to adhere to polyvinyl chloride (PVC) by dissolving its surface and to fill or seal gaps between PVC surfaces or between PVC and other surfaces.
Roadway Sealant	Any sealant intended by the manufacturer to be applied to public streets, highways, and related surfaces such as curbs, berms, driveways, and parking lots.
Sealant	Any material with adhesive properties that is applied as a rope or bead and that is formulated for use primarily to fill, seal, waterproof, or weatherproof gaps or joints between two surfaces.
Sealant Primer	Any material intended by the manufacturer for application to a substrate, prior to the application of a sealant, to enhance the bonding surface.
Stripper	A liquid used to remove cured adhesives and/or cured sealants.
Structural Glazing Adhesive	Any adhesive intended by the manufacturer to adhere glass, ceramic, metal, stone, or composite panels to exterior building frames.
Surface Preparation Solvent	Any VOC-containing material used to remove contaminants such as dust, soil, oil, grease, etc., from a substrate prior to the application of an adhesive or sealant product.
Thin Metal Laminating Adhesive	Any adhesive intended by the manufacturer to bond multiple layers of metal to metal or metal to plastic in which the thickness of the bond line(s) is less than 0.025 mils.
Tire Retread Adhesive	Any adhesive applied to the back of precured tread rubber and to the casing and cushion rubber. Tire retread adhesive may also be used to seal buffed tire casings to prevent oxidation while the tire is being prepared for a new tread.
Traffic Marking Tape Adhesive Primer	<p>An adhesive primer intended by the manufacturer to be applied to surfaces prior to the installation of traffic marking tape.</p> <ol style="list-style-type: none"> <li>1. Traffic marking tape adhesive primer is not one of the coatings included in the definition of "traffic coatings" in Rule 442-ARCHITECTURAL COATINGS.</li> <li>2. Traffic marking tape is a preformed reflective film intended by the manufacturer to be applied to public streets, highways, and other surfaces including, but not limited to, curbs, berms, driveways, and parking lots.</li> </ol>