

**FORM AC100
AUTOMOTIVE COATING OPERATIONS**

Business License Name of organization that is to receive permit:

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

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

Booth Manufacturer:

Model Number: _____

Serial Number: _____

Booth outside dimensions: _____ wide x _____ high x _____ deep

Paint spray booth exhaust control: _____ waterwash Horsepower of pump _____
_____ dry filters

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:

_____ electrostatic _____ HVLP _____ LVLP _____ Brush or Roll Coating _____ Dip or Flow Coat

_____ other (describe and provide proof that it has received approval from the Air Pollution Control Officer, as per SMAQMD Rule 459, Section 305.1.e)

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

Operating schedule: _____ hours/day _____ days/week _____ weeks/year

Disposition of sprayed items: _____ air dried _____ forced dried

If forced dried, burner fuel type:

_____ electric

_____ natural gas Maximum rating: _____ BTU/hr input Manufacturer's Data: _____ ppm NOx @ 3%

_____ propane Maximum rating: _____ BTU/hr input Manufacturer's Data: _____ ppm NOx @ 3%

Usage by categories: **SEE NEXT PAGE**

Print name of business person to contact regarding information on this form:

Business contact phone number: _____

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

COATING USAGE

List total maximum expected usage by coating/material type. (See attached definitions of Automotive Coating Types)

COATING TYPE	PRODUCT CODE AND MANUFACTURER	MAXIMUM EXPECTED USAGE (A) Coatings "As Applied" (B) (gallons/day)
Adhesion Promoter		
Clear Coating		
Color coating		
Multi-Color Coating Mobile equipment driven or drawn on rails and its associated parts and components		
Multi-color Coating Any other mobile equipment or motor vehicle and its associated parts and components		
Pretreatment Coating		
Primer/Primer Sealer		
Single-Stage Coating		
Temporary Protective Coating		
Truck Bed Liner Coating		
Underbody Coating		
Uniform Finish Coating		
Gasket/Gasket Sealing Material		
Cavity Wax		
Deadener		
Lubricating Wax/Compound		
Any Other Coating		

(A) The maximum expected usage that is submitted will be the maximum usage limit on the Permit to Operate.

(B) "As Applied" includes all components of the product mix: base coating, catalyst, reducer, hardener, retarder, thinner, etc..

SOLVENT USAGE

List solvents and solvent containing products, and total maximum expected usage.

PRODUCT NAME AND MANUFACTURER	TYPE OF USE (A)	MAXIMUM EXPECTED USAGE (B) (gallons/day)

(A) Identify each product as equipment cleanup, surface preparation, or other, (specify).

(B) The maximum expected usage that is submitted will be the maximum usage limit on the Permit to Operate.

SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT

AUTO REFINISHING COATING/MATERIAL TYPE DEFINITIONS

As stated in Sacramento Metropolitan Air Quality Management District Rule 459 - AUTOMOTIVE, MOBILE EQUIPMENT, AND ASSOCIATED PARTS AND COMPONENTS COATING OPERATIONS

COATING/MATERIAL TYPE	DEFINITION
Adhesion Promoter	Any coating which is labeled and formulated to be applied to uncoated plastic surfaces to facilitate bonding of subsequent coatings, and on which, a subsequent coating is applied.
Clear Coating	Any coating that contains no pigments and is labeled and formulated for application over a color coating or clear coating.
Color coating	Any pigmented coating, excluding adhesion promoters, primers, and multi-color coatings, that requires a subsequent clear coating and which is applied over a primer, adhesion promoter, or color coating. Color coatings include metallic/iridescent color coatings.
Multi-Color Coating	Any coating that exhibits more than one color in the dried film after a single application, is packaged in a single container, and hides surface defects on areas of heavy use, and which is applied over a primer or adhesion promoter.
Pretreatment Coating	Any coating which contains a minimum of 0.5 percent acid by weight and not more than 16 percent solids by weight necessary to provide surface etching and is labeled and formulated for application directly to bare metal surfaces to provide corrosion resistance and adhesion.
Primer	Any coating which is labeled and formulated for application to a substrate to provide: a bond between the substrate and subsequent coats; corrosion resistance; a smooth substrate surface; or resistance to penetration of subsequent coats, and on which a subsequent coating is applied. Primers may be pigmented.
Primer Sealer	Any coating which is labeled and formulated for application prior to the application of a color coating for the purpose of color uniformity, or to promote the ability of the underlying coating to resist penetration by the color coating.
Single-Stage Coating	Any pigmented coating, excluding primers, primer sealers, and multi-color coatings, labeled and formulated for application without a subsequent clear coat. Single-stage coatings include single-stage metallic/iridescent coatings.
Temporary Protective Coating	Any coating labeled for the purpose of temporarily protecting areas from overspray or mechanical damage.
Truck Bed Liner Coating	Any coating, excluding clear, color, multi-color and single stage coatings, labeled and formulated for application to a truck bed to protect it from surface abrasion.
Underbody Coating	Any coating labeled and formulated for application to wheel wells, the inside of door panels or fenders, the underside of a trunk or hood, or the underside of the motor vehicle.
Uniform Finish Coating	Any coating labeled for application to the area around a spot repair for the purpose of blending a repaired area's color or clear coat to match the appearance of an adjacent area's existing coating.
Gasket/Gasket Sealing Material	Any fluid applied to coat a gasket or replace and perform the same function as a gasket including room temperature vulcanization seal material.
Cavity Wax	A material or coating applied into cavities of the vehicle primarily for the purpose of enhancing corrosion protection.
Deadener	A material or coating applied to selected vehicle surfaces primarily for the purpose of reducing the sound of road noise in the passenger compartment.
Lubricating Wax/Compound	Any protective lubricating material applied to vehicle hubs and hinges.