

AIR QUALITY
MANAGEMENT DISTRICT

**THESE SUGGESTED FORMS MAY BE USED
TO COMPLY WITH THE RECORDKEEPING
REQUIREMENTS OF RULE 463**
(Wood Products Coatings)

- Form 463A List of Currently Used Materials
- Form 463B Monthly Usage and Emissions Record
- Form 463B Sup Quarterly Emissions Summary
- Form 463C Monthly Usage Record for Low Usage Exemption
- Form 463D Daily Usage Record of Non-Compliant Materials

YOU MAY REPRODUCE THESE FORMS AS NEEDED.

RULE 463 WOOD PRODUCTS COATINGS

Category	Definition
CLEANUP MATERIAL	A VOC-containing material used to clean application equipment used in wood products coating operations.
CLEAR TOPCOAT	A final coating which contains binders, but not opaque pigments, and is specifically formulated to form a transparent or translucent solid protective film.
COATING	A material which is applied to a surface and which forms a film in order to beautify and/or protect such surface. "Coating" includes, but is not limited to, materials such as topcoats, stains, sealers, fillers, conversion varnish, pigmented coating, multicolored coating, moldseal coating, washcoat, and toner.
CONVERSION VARNISH	A coating comprised of a homogeneous (alkyd-amino resin) liquid which, when acid catalyzed and applied, hardens upon exposure to air or heat, by evaporation and polymerization, to form a continuous film that imparts protective or decorative properties to wood surfaces. When used as a self sealing system, conversion varnish shall not be subject to the VOC limit for sealers, on and after 7-1-2005, as specified in section 302.
FILLER	A preparation used to fill in cracks, grains, etc., of wood before applying a coating.
HIGH-SOLIDS STAIN	Stains containing more than 454 grams (1 pound) of solids per 3.785 liters (1 gallon), by weight, and can include wiping stains, glazes, and opaque stains.
INK	A fluid that contains dyes and/or colorants and is used to make markings, but not to protect surfaces.
LOW-SOLIDS STAINS	Stains containing 454 grams (1 pound) or less of solids per 3.785 liters (1 gallon) or less, by weight.
MOLD-SEAL COATING	The initial coating applied to a new mold or repaired mold to provide a smooth surface which, when coated with a mold release coating, prevents products from sticking to the mold.
MULTI-COLORED COATING	A coating which exhibits more than one color when applied, and which is packaged in a single container and applied in a single coat
NEW WOOD PRODUCT	A wood product which has not been previously coated. A wood product from which uncured coatings have been removed to repair flaws in initial coatings applications is a new wood product.
PIGMENTED COATINGS	Opaque coatings which contain binders and colored pigments which are formulated to hide the wood surface, either as an undercoat or topcoat.
REFINISHING OPERATION	The steps necessary to remove cured coatings and to repair, preserve, or restore a wood product.
REPAIR COATING	A coating used to recoat portions of a product which has sustained mechanical damage to the coating following normal coating operations.
SEALER	A coating, containing binders, which seals the wood prior to application of subsequent coatings.
STENCIL COATING	An ink or a pigmented coating which is rolled or brushed onto a template or stamp in order to add identifying letters and/or numbers to wood products.
STRIPPER	A liquid used to remove cured coatings, cured inks, and/or cured adhesives.
SURFACE PREPARATION MATERIAL	A VOC-containing material applied to the surface of any wood product, prior to the application of coatings, to clean the wood product or to promote the adhesion of subsequent coatings.
TONER	A wash coat which contains binders and dyes or pigments to add tint to a coated surface.
TOUCH-UP COATING	A coating used to cover minor coating imperfections appearing after the main coating operation.
WASH COAT	A coating that is used to seal wood surfaces, preventing undesired staining, and control penetration. For the purpose of this rule, washcoats shall be considered low-solids coatings and shall contain less than 454 grams (1 pound) of solids per 3.785 liters (1 gallon), by weight. Wash coats with greater than 454 grams (1 pound) of solids per 3.785 liters (1 gallon), by weight, shall be considered sealers.
WOOD PANEL	Any piece of wood, or wood composition, which is solid or laminated, and which is larger than 10 square feet in size, and which is not subsequently cut into smaller pieces.

SACRAMENTO METROPOLITAN MANAGEMENT DISTRICT

RULE 463-WOOD PRODUCTS COATINGS

LIST OF CURRENTLY USED MATERIALS

PO _____

RULE 463 COATING CATEGORY PER SECTIONS 302, 303, 304 308, OR EXEMPT IN SECTION 110	COATING APPLIED TO NEW WOOD PRODUCT OR PREVIOUSLY COATED WOOD PRODUCTS	MATERIAL TYPE (INDICATE MANUFACTURER, PRODUCT NAME & PRODUCT CODE)			MIXING RATIO AS APPLIED [A]	VOC CONTENT AS APPLIED EXCLUDING WATER AND EXEMPT COMPOUNDS GM/L (LB/GAL) [B]	VOC CONTENT AS APPLIED INCLUDING WATER AND EXEMPT COMPOUNDS GM/L (LB/GAL) [C]	MATERIAL EXCEEDING VOC OR VAPOR PRESSURE LIMITS? (YES/NO) [D]
		MATERIAL	ADDITIVES	SOLVENTS				
1.								
2.								
3.								
4.								
5.								
6.								
7.								

[A] Mixing ratio of coating, reducer, retarder, catalyst, hardener, additive, etc. as applied.

[B] Also known as **Coating VOC**. Used to demonstrate compliance with the VOC limits in Rule 463, Section 302 & 303.

[C] Also known as **Material VOC**. Used to demonstrate compliance with the VOC limits in Rule 463, Sections 304.1 & 308.6 and to calculate ROC emissions. Alternatively, Coating VOC may be used to calculate ROC emissions, but this calculation overestimates the actual emissions.

[D] VOC limits (or, alternatively vapor pressure limits for strippers) as specified in Rule 463, Sections 302.1, 303.1, 304 & 308.6, including materials under the “low usage” exemption. Limit is affected by the substrate to which the coating is applied (i.e. New Wood or Previously Coated Wood).

For assistance with this form, please call the SMAQMD’s Compliance Assistance Hotline at 874-4884

SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT

RULE 463-WOOD PRODUCTS COATINGS

MONTHLY USAGE AND EMISSIONS RECORD OF MATERIALS
COMPLYING WITH THE VOC LIMITS IN SECTIONS 302, 303, 304 & 308

MONTH _____ 20 _____ PO _____

RULE 463 COATING CATEGORY (SECTIONS 302, 303, 304 & 308)	METHOD OF APPLICATION (SECTION 301)	TOTAL APPLIED VOLUME GAL/MONTH [A]	VOC CONTENTS APPLIED INCLUDING WATER & EXEMPT COMPOUNDS LB/GAL [B]	MONTHLY ROC EMISSIONS LB/MONTH [A] x [B] = [C]
SECTION 302-NEW WOOD COATINGS				
CLEAR TOPCOATS				
CONVERSION VARNISH				
FILLER				
HIGH-SOLID STAIN				
INKS				
MOLD-SEAL COATING				
MULTI-COLORED COATING				
PIGMENTED COATING				
SEALER				
LOW SOLID STAINS, TONERS WASHCOATS				
SECTION 303-COATINGS FOR REFINISHING, REPAIRING, PRESERVING, OR RESTORING WOOD PRODUCTS				
CLEAR TOPCOATS				
CONVERSION VARNISH				
FILLER				
HIGH SOLID STAINS				
INKS				
MOLD-SEAL COATING				
MULTI COLORED COATING				
PIGMENTED COATING				
SEALER				
LOW-SOLID STAINS, TONERS, WASHCOATS				
SECTION 304				
COATING REMOVER (STRIPPER)				
SECTION 308				
CLEANUP SOLVENT FOR SURFACE PREPARATION				
ROC EMISSIONS, LB/MONTH				

[A] Volume after mixing to include the coating, reducer, retarder, catalyst, hardener, additive, etc.

[B] Also known as **Material VOC**.

[C] Monthly ROC emissions are the total emissions from all types of coatings and solvents used

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SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT

RULE 463-WOOD PRODUCTS COATINGS

QUARTERLY EMISSIONS RECORD

YEAR _____

PO _____

First Quarter	
MONTH	MONTHLY EMISSIONS (MAY BE OBTAINED FROM FORM B)
January	
February	
March	
TOTAL QUARTERLY ROC EMISSIONS, LBS/QUARTER	

Second Quarter	
MONTH	MONTHLY EMISSIONS (MAY BE OBTAINED FROM FORM B)
April	
May	
June	
TOTAL QUARTERLY ROC EMISSIONS, LBS/QUARTER	

Third Quarter	
MONTH	MONTHLY EMISSIONS (MAY BE OBTAINED FROM FORM B)
July	
August	
September	
TOTAL QUARTERLY ROC EMISSIONS, LBS/QUARTER	

Fourth Quarter	
MONTH	MONTHLY EMISSIONS (MAY BE OBTAINED FROM FORM B)
October	
November	
December	
TOTAL QUARTERLY ROC EMISSIONS, LBS/QUARTER	

Monthly ROC emissions are the total emissions from all types of coatings and solvents used

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SACRAMENTO METROPOLITAN MANAGEMENT DISTRICT
RULE 463 – WOOD PRODUCTS COATINGS
DAILY USAGE FOR LOW USAGE (EXEMPTION) OF MATERIALS
EXCEEDING THE VOC LIMITS IN SECTIONS 302, 303, & 304

PO _____

DATE			RULE 463 COATING CATEGORY (SECTIONS 302, 303, 304 & 308)	MATERIAL TYPE (INDICATE MANUFACTURER, PRODUCT NAME & PRODUCT CODE)	TOTAL APPLIED VOLUME GAL/DAY [A]	VOC CONTENT AS APPLIED INCLUDING WATER & EXEMPT COMPOUNDS LB/GAL [B]
MO	DAY	YR				
			1.			
			2.			
			3.			
			4.			
			5.			
			6.			
			7.			
			8.			
			9.			
			10.			

[A] Volume after mixing to include the coating, reducer, retarder, catalyst, hardener, additive, etc.

[B] Also known as **Material VOC**.

*Rule 463, Section 110 Low usage exemption of materials exceeding the VOC limits pursuant to Sections 302, 303, 304 (This exemption includes **coatings** and **strippers** only **NOT clean-up solvents**):*

Category

All Coatings Categories & Strippers

Max. Usage Limit

<55 gal/yr

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