# WHAT DOES CARB MEAN TO MY BUSINESS AS A FABRICATOR?



Sharing information with our partners

Prepared by LAMIN-ORT

July, 2008

# INDOOR AIR QUALITY IS A TOP PRIORITY CALIFORNIA ELIMINATES ADDED UREA FORMALDEHYDE

This session will provide information on CARB, its January, 2009 launch date with following Phases, and impacts upon fabrication with documentation requirements for the HPL markets.

# INDOOR AIR QUALITY IS A TOP PRIORITY CALIFORNIA ELIMINATES ADDED UREA FORMALDEHYDE

As we begin, it is important to note that:

HPL doesn't contain added formaldehyde.

Lamin-Art HPL has been certified by GREENGUARD as a low-emitting product for indoor air quality.

The application of HPL to CARB compliant core material with proper adhesives helps to assure air quality for healthy indoor environments.



One of six agencies within the California Environmental Protection Agency, EPA, the Air Resources Board's (ARB) mission is to "Promote and protect public health, welfare and ecological resources through the effective and efficient reduction of air pollutants in recognition and consideration of the effects on the economy of the state."







### HOW CAN CARB INFLUENCE MY BUSINESS?



#### HOW CAN CARB INFLUENCE MY BUSINESS?

In May, 2007 the most stringent regulations on formaldehyde emissions from particleboard and other composite wood products were unanimously adopted by CARB. Five states currently have similar proposed legislation closely following CARB Regulation 93120.12.



### WHAT DOES CARB DO?

# CARB IS THE AGENCY RESPONSIBLE FOR:

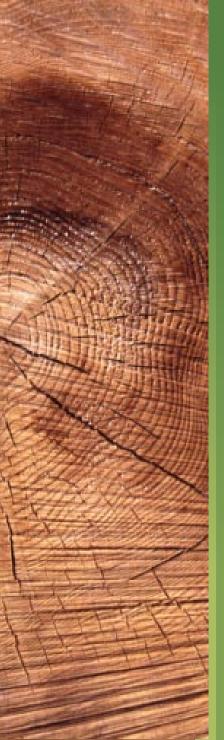
- Setting emission standards for motor vehicles, fuels and consumer products.
- Setting health-based air quality standards.
- Conducting research.
- Monitoring air quality.



# CARB IS THE AGENCY RESPONSIBLE FOR:

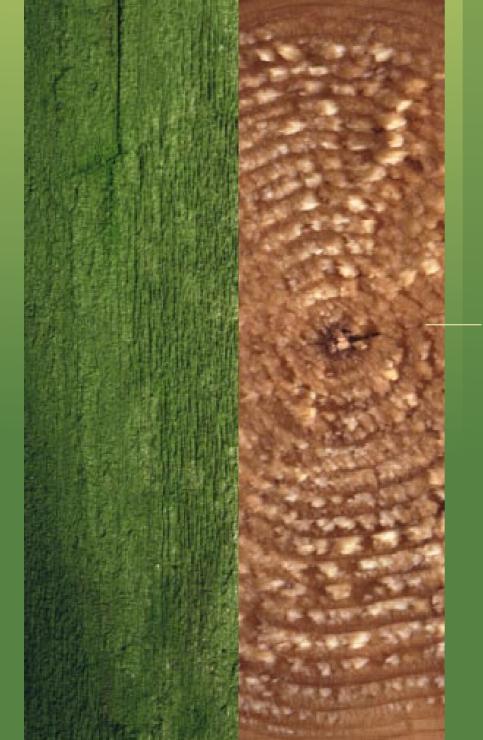
- Identifying and setting control measures for toxic air contaminants.
- Providing compliance assistance for businesses.
- Producing education and outreach programs and materials. Overseeing and assisting local air quality districts which regulate most non-vehicular sources of air pollution.





# WHAT IS THE PURPOSE OF CARB REGULATION 93120.12?

"Airborne Toxic Control Measure to Reduce Formaldehyde Emissions from Composite Wood Products"



# WHAT IS THE PURPOSE OF CARB REGULATION 93120.12?

The purpose is to reduce formaldehyde emissions from composite wood products and finished goods that contain composite wood products, that are sold, offered for sale, supplied, used, or manufactured for sale in California.















### **EXEMPTIONS INCLUDE:**

Products not for sale in California

Products subject to Housing for Urban Development, HUD standards

Windows with <5% vol. composite wood

Exterior doors with <3% vol. composite wood

Military specification plywood

Vehicles

Curved plywood



# WHO DOES THE CARB REGULATION APPLY TO?

- Wood composite panel manufacturers
- Fabricators
- Third Party Certifiers
- Distributors
- Importers
- Retailers



# REQUIREMENTS FOR FABRICATORS

### CARB Regulation 93120.12

- Emission limits for HWPW, PB and MDF
- Product labeling
- Statement of compliance
- Record keeping
- Sell-through provisions

### EMISSION LIMITS FOR HWPW, PB and MDF

- Must use compliant products in finished goods for California.
- Phase 1 Emission Standards:

PRODUCT	JANUARY 1, 2009	JULY 1, 2009	
HWPW-VC	0.08 ppm		
HWPW-CC	<u></u>	0.08 ррт	
PB	0.18 ррт		
THICK MDF	0.21 ррт		
THIN MDF	0.21 ррт		

### EMISSION LIMITS FOR HWPW, PB and MDF

- Must use compliant products in finished goods for California.
- Phase 2 Emission Standards:

PRODUCT	JANUARY 1, 2010	J ANUARY 1, 2011	JANUARY 1, 2012	JANUARY 1, 2012
HWPW-VC	0.05 ррт			
HWPW-CC		-		0.15 ррт
РВ		0.19 ррт		
THICK MDF		0.11 ррт		
THIN MDF			0.13 ррт	



## REQUIREMENTS FOR FABRICATORS

### Product Labeling

Each Product must be labeled in one of the following manners:

- On the physical product, or
- On the box containing the product, or
- On the container containing many of
- nthe same product if bulk packed



## REQUIREMENTS FOR FABRICATORS

Product label must contain the following information:

- S NOTICE
- Statement of Compliance:
- California Air Resources Board Regulation 93120
- All hardwood plywood, particle board, medium density fiberboard, thin medium density fiberboard and finished goods containing these materials meet (specify Phase I or Phase II or ULEF or NAF) emissions limits given in the California Air Resources Board Regulation 93120.2.
- Compliance information should also be on the Invoice or Bill of Lading

#### STATEMENT OF COMPLIANCE

### Contains:

Date

To: Customer Name

Subject: Compliance with California Air Resources

Board Regulations 93120



#### Dear Customer Name,

- Please be advised that the California Air Resources Board (CARB) has established limits on the emissions of formaldehyde from hardwood plywood, particle board, medium density fiberboard, thin medium density fiberboard, and finished goods containing these materials.
- Effective January 1, 2009, hardwood plywood, particle board, medium density plywood and finished goods containing these materials must meet emissions limits given the Title 17, California Code of Regulations Section 93120.2
- This letter is to confirm that all hardwood plywood, particle board, medium density fiberboard, thin medium density fiberboard and finished goods containing these materials supplied to (Their company name) comply with the current requirements of the CARB regulation. This written confirmation is required for your company to demonstrate compliance to the CARB regulations.



### RECORD KEEPING

All records supporting compliance must be kept in hard copy or electronic form for a minimum of 2 years.

### FOR MORE INFORMATION

CARB and regulation 93120.12 www.arb.ca.gov

CARB and Composite Wood Association www.pbmdf.com

Or call CPA toll-free at (866)-4Composites.



We hope that this information helps you to anticipate change in the commercial industry by becoming familiar with current trends and the adoption of regulations that may influence your business.

