

# Proposed Automotive Refinish Coatings SCM

First Public Workshop  
June 30, 2005  
Sacramento

California Environmental Protection Agency

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 **Air Resources Board**

# Overview

- ◆ **Background**
- ◆ **Proposed SCM for Automotive Refinish Coatings**
- ◆ **Schedule**
- ◆ **Questions/Open Discussion**

# Automotive Refinish Coatings SCM

## Background

- ◆ Local districts regulate VOC emissions from automotive coatings
- ◆ Twenty one districts have local rules
- ◆ Fourteen districts have National Rule VOC limits



# Automotive Refinish Coatings SCM

## Background

- ◆ ARB has oversight authority
- ◆ Provides technical assistance -

## Development of the SCM

- ◆ SCM serves as a model rule for districts



# Automotive Refinish Coatings SCM

## SCM Objectives:

- ◆ Increase consistency among district rules
- ◆ Improve rule enforceability
- ◆ Protect public health by reducing VOC emissions



# Automotive Refinish Coatings SCM

## Overview of SCM Proposal

- ◆ Combines Group I and Group II VOC limits
- ◆ Eliminates the composite VOC limit for multistage systems
- ◆ Combines coating categories
- ◆ Replaces specialty coatings categories with specific categories



# Automotive Refinish Coatings SCM

## Overview of SCM Proposal (continued)

- ◆ Establishes VOC limits based on available technology
- ◆ Establishes prohibition of possession
- ◆ Lowers the VOC limit for solvents used in cleaning operations to 25 grams per liter
- ◆ Simplifies recordkeeping
- ◆ Improves labeling



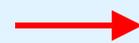
# Automotive Refinish Coatings SCM

## Proposed Coating Categories

Existing Coating Category

Proposed Coating Category

Pretreatment Wash Primer



**Pretreatment Coating**

Precoat

Primer

Primer Surfacer

Primer Sealer

Adhesion Promoters

Plastic/Flexible Primers



**Primer**



# Automotive Refinish Coatings SCM

## Proposed Coating Categories (continued)

### Existing Coating Category

### Proposed Coating Category

Topcoat

Metallic/Iridescent Topcoat

Multi-stage Topcoat System  
(color portion)

Camouflage



**Color Coat**

Multi-colored



**Multi-Color Coating**

Uniform Finish Coating



**Uniform Finish Coating**



# Automotive Refinish Coatings SCM

## Proposed Coating Categories (continued)

Existing Coating Category

Proposed Coating Category

Multi-stage Topcoat System  
(clear portion)  
Multi-colored Multi-Stage  
(clear portion)  
Elastomeric Clears

→ **Clear Coat**

Truck Bed Liner Coating

→ **Truck Bed Liner Coating**



# Automotive Refinish Coatings SCM

## Proposed Coating Categories (continued)

### Existing Coating Category

Temporary Protective



### Proposed Coating Category

**Temporary Protective Coating**

Rubberized Asphaltic Underbody



**Underbody Coating**

Anti-Glare Safety Coatings  
Impact Resistant Coatings  
Water Holdout Coatings  
Weld Thru Coatings  
Bright Metal Trim Repair



**Any Other Coating Type**



# Automotive Refinish Coatings SCM

## Proposed VOC Limits

Effective 1/1/08

<i>Coating Category</i>	<i>VOC in grams per liter as applied</i>
Clear Coat	250
Color Coat	420
Multi-color Coating	680
Pretreatment Coating	660
Primer	250
Temporary Protective Coating	60
Truck Bed Liner Coating	310
Underbody Coating	430
Uniform Finish Coating	540
Any Other Coating Type	250



# Automotive Refinish Coatings SCM

## Summary of VOC Analysis

	Companies that Sold Coating in California	Companies Reporting Valid Mixtures	Companies Reporting Compliant Mixtures/Systems
Clear Coat	15	14	11
Color Coat	14	13	8
Multi-Color	NR	NR	NR
Primer	15	14	12
Pretreatment	13	11	1
Temporary Protective Coating	2	2	1
Truck Bed Liner Coating	1	1	1
Rubberized Asphaltic Underbody	3	3	2
Uniform Finish Coating	5	3	2



# Automotive Refinish Coatings SCM

## Categories Under Evaluation

### ◆ **Elastomeric Coatings**

- **Flexible primers**
- **Elastomeric clear coat**

### ◆ **Adhesion promoter for plastics**

### ◆ **Primer Sealer**

# Automotive Refinish Coatings SCM

## Next Steps

- ◆ **Comments on draft SCM regulatory language by July 8, 2005**
- ◆ **Second Workshop in late July 2005**



# Automotive Refinish Coatings SCM

## Schedule

- ◆ **September 20, 2005:**  
**Proposed SCM and Staff Report**
- ◆ **October 20, 2005:**  
**Tentative Board Hearing Date**



# Automotive Refinish Coatings SCM

## Public Involvement

- **Website:**

<http://www.arb.ca.gov/coatings/autorefin/scm/scm.htm>

- **Sign up for List Server to get updates**

- **Provide Comments**

- **Meet with ARB**

- **Attend Board Hearing**  
(can participate via internet)



# ARB Points of Contact

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**QUESTIONS?**