

Proposed Amended Rule 1168 Adhesive and Sealant Applications



Working Group Meeting
August 1, 2013

Agenda

- Introductions
- Survey – Open Discussion
- Preliminary Draft Rule Language
For discussion purposes only
- Discussion
- Future Meeting Schedule

Survey

- Update inventory and ensure appropriate prioritization of VOC reduction efforts
- Applicable to manufacturers and distributors of adhesives and sealants sold in SCAQMD

Examples of applicable products

Adhesives	Insulating foams
Adhesive primers	Sealants
Adhesive promoters	Sealant primers
Spray foams	Plastic welding products
Pipe dopes	Caulks

- 2012 product and sales information
 - Sales information to be considered confidential if designated
 - Data released only in aggregate form

Survey FAQs

- Is the survey voluntary?

Yes. However, if insufficient response, may follow-up with notices.

- What is the scope of the survey? Why are we including consumer products?

The survey applies to all potentially applicable products. Certain consumer products already regulated by current rule. Additionally, we are considering regulating consumer products used in manufacturing operations.

- Do we want survey data for exempt products? Low-VOC products?

Yes. The goal of the survey to have representative data of commercialized products. The information will be helpful in evaluating the types of products, including use of exempt solvents and if low-VOC alternatives are currently available and in use.

- How can we avoid double counting?

We will review the distributor lists from the manufacturers and compare applicable distributor surveys to avoid double counting.

Survey

Administrative Information

- **Company Name**
- **Address**
- **Company Contact**
 - **Position**
 - **Phone number**
 - **E-mail address**

South Coast Air Quality Management District
P.O. Box 4944
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RULE 116B ADHESIVE AND SEALANT PRODUCTS SURVEY

Section I - Administrative Information

DATE: 2012

Section II - Product Information

A	B	C	D	E	F	G	H	I	J
Name of Product Manufacturer (AS LISTED ON THE LABEL)	Product Name and Code	Rule 116B Category ¹ (Optional)	YDC Regula- ry (g%)	YDC Material (g%)	Contains ² acetone? Indicate with a "Y" # yes	Contains ² tert butyl acetate (TBAE)? Indicate with a "Y" # yes	Contains ² diethylene glycol? Indicate with a "Y" # yes	Contains ² another strong solvent? Indicate with a "Y" # yes	Quantity Sold in 2010 (gallons) <input type="checkbox"/> Confidential ³

¹Rule 116B Category: See drop-down menu and instructions. For products with more than one applicable category, select most commonly used category. If no category is applicable, select "Substrate Adhesive - All Other" in quantities greater than 0.1% by weight.
²Check box if you wish the sales data to be treated as confidential pursuant to the District's Guidelines for Implementing the California Public Records Act

- **Check box to mark survey data as confidential**

Survey Products

Name of product manufacturer (AS LISTED ON THE LABEL)	Product Name and Code	Rule 1168 Category (Optional)
Sticky Inc	Hold It (S123)	Architectural Adhesive – Multipurpose Construction
Sticky Inc	Bond Strong (S124a)	Miscellaneous Adhesive – Contact Adhesive
Sticky Inc	PermaBond (S456)	Sealant - Other

Rule 1168 Category from drop down menu and survey instructions. Optional

Survey VOC Content

VOC Regulatory (g/L)	VOC Material (g/L)
47	47
79	79
121	35

VOC Calculator available at:

<http://www.aqmd.gov/prdas/Coatings/VOCs/vocCalculations.htm>

Survey

Exempt Solvents

Contains acetone? Indicate with a “Y” if yes	Contains tert butyl acetate (TBAC)? Indicate with a “Y” if yes	Contains dimethyl carbonate? Indicate with a “Y” if yes	Contains another exempt solvent? Indicate with a “Y” if yes
N	N	Y	N
Y	Y	N	N
N	Y	N	N

In quantities greater than 0.1 percent by weight

Survey Sales

Quantity Sold in 2012 (gallons)
26,200
1,343
27

Preliminary Draft Rule Language

- Purpose and Applicability
 - Note that we plan to expand prohibition of compound to Group II exempt solvents
- Definitions
 - “Adhesive” and “Sealant” definitions will incorporate all forms of products subject to regulation
 - Define primer as “film-forming” and inclusive of bonding and promoting
 - Remove unnecessary definitions
 - Include definitions consistent with CTG
 - Foam sealants, insulating foam, application methods and others



Preliminary Draft Rule Language - Requirements

- VOC Limits
 - Tables reflect current limits; proposed limits to be discussed after survey complete
 - Staff evaluating potential future VOC limits
- Labeling
 - Include labeling requirements
 - Considering including labeling provisions for products to be stored in District but sold outside District
 - Considering labeling of final use date for sell-through provision
- Storage
 - Prohibit storage of non-compliant product (at user sites)
- Mixing and Use
 - Mixing containers and product containers to be closed when not in use

Preliminary Draft Rule Language - Prohibitions & Exemptions

- Prohibit Group II exempt solvents
- Include one year sell-through/use-through
Considering labeling requirements
- Eliminate 55 gal/yr exemption
- Limit aerosol exemption to 16 oz/day of non-compliant products
Aerosols limited to non-refillable containers
- Address consumer products
 - Less than 16 oz/1 pound and subject to CARB VOC limit
 - Require consumer products used during manufacturing to comply with Rule 1168
- Remove methylene chloride exemptions
- Remove exemption for cyanoacrylate products



Tentative Schedule

- Working Group meetings As Necessary
- Public Workshop September 2013
- Report to Stationary Source Committee October 2013
- Public Hearing November 2013

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