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

<table>
<thead>
<tr>
<th>Adhesives</th>
<th>Insulating foams</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive primers</td>
<td>Sealants</td>
</tr>
<tr>
<td>Adhesive promoters</td>
<td>Sealant primers</td>
</tr>
<tr>
<td>Spray foams</td>
<td>Plastic welding products</td>
</tr>
<tr>
<td>Pipe dopes</td>
<td>Caulks</td>
</tr>
</tbody>
</table>

- 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

- Check box to mark survey data as confidential
# Survey Products

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

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

### VOC Content

<table>
<thead>
<tr>
<th>VOC Regulatory (g/L)</th>
<th>VOC Material (g/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>47</td>
<td>47</td>
</tr>
<tr>
<td>79</td>
<td>79</td>
</tr>
<tr>
<td>121</td>
<td>35</td>
</tr>
</tbody>
</table>

## Survey
### Exempt Solvents

<table>
<thead>
<tr>
<th>Contains acetone? Indicate with a “Y” if yes</th>
<th>Contains tert butyl acetate (TBAC)? Indicate with a “Y” if yes</th>
<th>Contains dimethyl carbonate? Indicate with a “Y” if yes</th>
<th>Contains another exempt solvent? Indicate with a “Y” if yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Y</td>
<td>Y</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

In quantities greater than 0.1 percent by weight
Survey
Sales

<table>
<thead>
<tr>
<th>Quantity Sold in 2012 (gallons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>26,200</td>
</tr>
<tr>
<td>1,343</td>
</tr>
<tr>
<td>27</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
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</tbody>
</table>
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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