Adhesives

Pipe Cements
- SCAQMD Method 316A

Cyanoacrylates
- SCAQMD Method 316B

Energy Curable
- Thin Film
  - Formulation Data/ASTM D7767
- Non-Thin Film

Non-Reactive Adhesives
- Reactive Adhesives
  - Reactive Adhesives
    - 1K Moisture Cured Urethanes & Silicones
    - 2K High Pressure
    - All Others
  - Formulation Data
  - Appendix A to Subpart PPPP of 40 CRF Part 63
- Non-Reactive Adhesives
  - SCAQMD Method 313

Formulation Data
- Method Development Needed

Manufacturers can use ASTM D 6886
Adhesives with Specific Test Methods

Staff does not anticipate further method development
UV/EB/LED Technology

Possible future method development

Adhesives

Energy Curable

Thin Film

Non-Thin Film

Formulation Data/
ASTM D7767

Method Development Needed

U.S. EPA Reference Method 24
Non-Reactive Adhesives

- Non-Reactive Adhesives >150 g/L
  - U.S. Reference Method 24

- Non-Reactive Adhesives ≤150 g/L
  - SCAQMD Method 313

Manufacturers can use ASTM D 6886
Reactive Adhesives

Some method development required
Sealants

- Non-Reactive Sealants ≤150 g/L
  - SCAQMD Method 313/ASTM D6886

- Reactive Sealants and Non-Reactive Sealants >150 g/L
  - U.S. EPA Reference Method 24

- Expanding Foam
  - Formulation Data
    - Method Development Needed

Handheld and Pressurized Canisters
Discussion

- Method 24 versus Method 313
  - Is the 150 g/L cutoff appropriate for adhesives and sealants?
- Method Development
  - Looking to partner with industry
  - Should methods be developed through ASTM?
- Other Concerns?
Next Steps

- Next meeting – early 2018
- Guidance Document must be completed by October 2018
  - Full write up and flow chart
  - Need Governing Board Approval
- Method Development
  - Expanding foam - needed to support 2023 VOC limit reductions
  - Pressurized reactive adhesives - working with industry (similar to expanding foam) – work anticipated to begin third quarter 2018
  - One-component (1K) moisture cure urethane method - working with industry
  - Thin film energy curable adhesives - no method development planned unless products are identified and non-compliance is suspected
Contacts

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