



South Coast
Air Quality Management District

Planning & Rules

ADVISORY NOTICE

Rule 1113

Original Review: February 2016

Revised Date: N/A

Subject: Volatile Organic Compounds (VOC) Classification of Certain Oils

Issue:

The South Coast Air Quality Management District (SCAQMD) is aware that there is some confusion regarding the VOC classification of certain oils.

Analysis:

Certain compounds are not measured as Volatile Organic Compounds (VOCs) by the test methods referenced in SCAQMD Volatile Organic Compound (VOC) rules for liquid products. The most common test methods are United States Environmental Protection Agency Method 24, which is used for high-VOC and multi-part reactive coatings, and SCAQMD Method 313 - *Determination of Volatile Organic Compounds VOC by Gas Chromatography-Mass Spectrometry*, which is used for low-VOC coatings (less than 120 grams of VOC per material). There are several oils that the SCAQMD laboratory has studied which are not measured as a VOC by either test method.

Conclusion:

The oils that are not measured as VOCs by the SCAQMD laboratory include non-methoxylated bio-based fats and oils such as linseed, canola, soy, olive, grapeseed, tung, and safflower oils.

Comments or questions regarding Rule 1113 should be directed to areasources@aqmd.gov or call the Area Source team at 909-396-2390.