



# American Research and Testing Inc.

14934 SOUTH FIGUEROA STREET  
GARDENA CA 90248  
(310) 538-9709 FAX (310) 538-9965  
www.americanresearch.com

CLIENT: Temp-Coat Brand Products LLC  
301 W Airline Hwy, Ste 100  
LaPlace LA 70058

NUMBER 207-08-  
074 September 14,  
2007

SUBJECT: VOC of Temp-Coat 101

## REFERENCE:

Tests and charges were authorized by Mr. Morris Meyer on 8/24/07.

## SAMPLE DESCRIPTION:

The Client submitted and identified one container of Temp-Coat 101.

## REQUEST:

Determine VOC of the sample.

## METHOD:

VOC of the sample was determined from total volatile content, water content, and density following the methodology specified in EP A Method 24. Volatile content was determined gravimetrically per ASTM D2369. Water was determined by pyridine-free Karl Fischer titration, per ASTM D4017. Density was determined per ASTM D1475, using a calibrated pycnometer. VOC was calculated from these data as weight fraction or grams/liter.

## RESULTS:

	Temp-Coat 101
Total Volatile Matter (weight percent)	45.26
Water (weight percent)	44.27
Density (g/ml)	0.622
VOC, expressed per EPA Method 24 (weight fraction)	0.0099
VOC of coating, expressed as grams/liter (pounds/gallon)	8.5 (0.071)
<u>VOC of material, expressed as grams/liter (pounds/gallon)</u>	<u>6.2 (0.051)</u>

SIGNED FOR THE COMPANY

by

B. Belmont  
Senior Chemist

Rita R. Boggs, Ph.D.  
President