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Date
10 June 2014
Our ref.
392-2014-00095702A/Rev1

Test Report – LEED 2009 EQ c4.1, SCAQMD rule 1168 (2005)

Sample material

| | |
|---|--|
| Sample identification | CHEMFIX STYREN FREE RESINS |
| Product type | Multipurpose construction adhesives |
| Product data, according to manufacturer | Density: 1.61 g/ml at 20 °C ** Water content: 0 g/l** Exempt compounds: none *** |
| Date received | 28 May 2014 |
| Analytical period | 30 May 2014 – 10 June 2014 |

Methods applied

| Method | Principle | Parameter | Detection limit | Uncertainty, U _m (%) |
|---|-------------|----------------------------------|-----------------|---------------------------------|
| LEED 2009 EQ c4.1 (Modified) | Gravimetric | Total Volatiles, SCAQMD rule 304 | 1 g/l | 10 % |
| 20 cm sample was dispensed and discarded. Further sample was dispensed in a preweighed dish and allowed to sit for 1 hour (durometer reading > 80). Volatile content of the sample was determined gravimetrically by heating up to 110 °C for 60 minutes. The result is the average of double testing. The result is calculated as: $([g \text{ all volatiles}] - [g \text{ water}] - [g \text{ exempt compounds}]) / ([l \text{ material}] - [l \text{ water}] - [l \text{ exempt compounds}])$ | | | | |

U_m (%): The expanded uncertainty U_m is equal to 2 x RSD%, see also www.eurofins.dk/uncertainty.

Analytical results

| Solid content, % mass | Water content, % mass | Exempt compounds, % mass | VOC less water less exempt compounds, g/l | VOC limit g/l |
|-----------------------|-----------------------|--------------------------|---|---------------|
| 99.6 % | 0 % ** | 0 %*** | 6.8 | 70 * |

* VOC limit for "Multipurpose construction adhesives"

** Given by the client

*** No information about exempt compounds. Set to zero.

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