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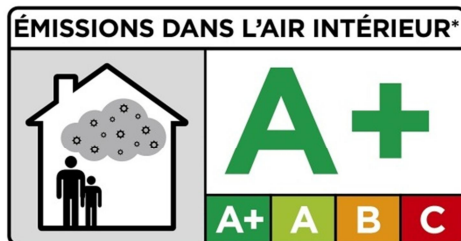
VOC Emissions Test report

1. Sample Information

| | |
|-------------------------------|-------------------------|
| Sample identification | WIT-VM 250 |
| Product type | Sealant |
| Batch no. | - |
| Production date | - |
| Date when sample was received | 26/10/2012 |
| Testing (start - end) | 31/10/2012 - 28/11/2012 |

2. Resulting VOC Emissions Class Label

This recommendation is based on French regulation of March 23, 2011 (décret DEVL1101903D) and of April 19, 2011 (arrêté DEVL1104875A). For details please see www.eurofins.com/france-voc



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

The product was assigned a VOC emission class without taking into account the measurement uncertainty associated with the result. As specified in French Decree no. 2011-321 of March 23, 2011, correct assignment of the VOC emission class is the sole responsibility of the party responsible for distribution of the product in the French market.

3. Test Method

| Method | Principle | Parameter | Quantification limit | Uncertainty | |
|---|------------------|---|--|----------------------------------|------|
| ISO 16000 parts -3, -6, -9, -11 Internal method numbers: 9810, 9811, 9812, 2808, 8400 | GC/MS HPLC/UV | VOC Volatile aldehydes | 2 µg/m ³ 3 µg/m ³ | 22% (RSD) Um = 2 x RSD = 45 % | |
| Test chamber parameter | | | | | |
| Chamber volume, l | 119 | Temperature, °C | 23±1 | Relative humidity, % | 50±5 |
| Air change rate, 1/h | 0.5 | Loading ratio, m ² /m ³ | 0.007 | | |
| Test condition: Sample stayed in test chamber during the whole 28 days testing period. | | | | | |
| Sample preparation | | | | | |
| Thickness, mm | 3 | | | | |

4. Results

| | Concentration after 28 days $\mu\text{g}/\text{m}^3$ | C | B | A | A+ |
|---------------------|--|-------|-------|-------|-------|
| TVOC | 74 | >2000 | <2000 | <1500 | <1000 |
| Formaldehyde | <3 | >120 | <120 | <60 | <10 |
| Acetaldehyde | <3 | >400 | <400 | <300 | <200 |
| Toluene | <2 | >600 | <600 | <450 | <300 |
| Tetrachloroethylene | <2 | >500 | <500 | <350 | <250 |
| Ethylbenzene | <2 | >1500 | <1500 | <1000 | <750 |
| Xylene | <2 | >400 | <400 | <300 | <200 |
| Styrene | <2 | >500 | <500 | <350 | <250 |
| 2-Butoxyethanol | <2 | >2000 | <2000 | <1500 | <1000 |
| Trimethylbenzene | <2 | >2000 | <2000 | <1500 | <1000 |
| 1,4-Dichlorobenzene | <2 | >120 | <120 | <90 | <60 |

< Means less than
> Means higher than



Thomas Neuhaus
Head of product emission test centre