

January 28, 2009

Attention: Dow Corning Customer

Reference: **LEED® Credit Contribution of Dow Corning® Silicone Sealants**

Thank you for your inquiry concerning LEED® (Leadership in Energy and Environmental Design) credits for *Dow Corning®* Silicone Sealants. There are three credits for the LEED® rating system that apply to our sealants and are listed below. These credits are Credit 5.1 of section MR, Credit 4.1 of section EQ, and Credit 4.2 of section EQ. There is one specific credit listed below, Credit 4.1 of section MR, that cannot be taken, but questions have come up in the past concerning this credit. Refer to the specific LEED® literature for details concerning credits and when they can be taken.

Section MR (Materials and Resources), Credit 5.1 This credit relates to products manufactured within 500 miles of the building site location. The manufacturing site for the majority of our sealants is located in Elizabethtown, Kentucky, zip code 42701. Refer to the LEED® literature and this specific credit for details and confirm your site is within 500 miles of our manufacturing location.

Section EQ (Indoor Environmental Quality), Credit 4.1 *Dow Corning®* Silicone Sealant VOC values fall below the applicable VOC limit listed within this credit. This limit is 250 g/l (grams/liter) and is set by the South Coast Air Quality Management District (SCAQMD) Rule #1168 requirements and the Bay Area Air Quality Management District Regulation 9 (BAAQMD), Rule 51 requirements. The sealant primer limitations set forth by the SCAQMD are 250 g/L on non-porous substrates and 775 g/L for porous substrates. Here is a listing of several of the *Dow Corning®* Silicone Sealants and Primers and their VOC values. As you can see from the primer information, *Dow Corning®* P5200 Adhesion Promoter credit can be taken for any substrate while *Dow Corning®* 1200 Prime Coat credit can only be used for porous substrate applications. Please contact Dow Corning if a VOC value is needed for a product not listed below.

<u>Sealant Products (All colors)</u>	<u>V.O.C. Content</u>
<i>Dow Corning®</i> 1199 Silicone Glazing Sealant	< 70 g/L (grams per liter)
<i>Dow Corning®</i> 3-0117 Insulating Glass Sealant	< 40 g/L
<i>Dow Corning®</i> 3-7509 Silicone Sealant	< 50 g/L
<i>Dow Corning®</i> 756 SMS Building Sealant	< 90 g/L
<i>Dow Corning®</i> 786 Silicone Sealant	< 43 g/L
<i>Dow Corning®</i> 790 Silicone Building Sealant	< 50 g/L
<i>Dow Corning®</i> 791 Silicone Weatherproofing Sealant	< 80 g/L
<i>Dow Corning®</i> 795 Silicone Building Sealant	< 40 g/L
<i>Dow Corning®</i> 799 Silicone Building Sealant	< 65 g/L
<i>Dow Corning®</i> 899 Silicone Glazing Sealant	< 70 g/L
<i>Dow Corning®</i> 9-1350 Silicone Sealant	< 60 g/L
<i>Dow Corning®</i> 983 Silicone Structural Adhesive (2 part)	< 40 g/L
<i>Dow Corning®</i> 995 Silicone Structural Glazing Sealant	< 50 g/L
<i>Dow Corning®</i> 999-A Silicone Building & Glazing Sealant	< 45 g/L
<i>Dow Corning®</i> Contractors Weatherproofing Sealant	< 45 g/L
<i>Dow Corning®</i> Contractors Concrete Sealant	< 55 g/L
<i>Dow Corning®</i> Glazing Sealant	< 45 g/L
<i>Dow Corning®</i> Tub/Tile/Ceramic Sealant	< 45 g/L

<i>Dow Corning</i> ® 888 Silicone Joint Sealant	< 48 g/L
<i>Dow Corning</i> ® 890-SL Self-Leveling Silicone Joint Sealant	< 39 g/L
<i>Dow Corning</i> ® 902 RCS Joint Sealant (2 part)	< 40 g/L
<i>Dow Corning</i> ® NS Parking Structure Sealant	< 45 g/L
<i>Dow Corning</i> ® SL Parking Structure Sealant	< 35 g/L
<i>Dow Corning</i> ® FC Parking Structure Sealant (2 part)	< 38 g/L
<i>Dow Corning</i> ® 123 Silicone Seal	0 g/L

<u>Primers (All colors)</u>	<u>V.O.C. Content</u>
<i>Dow Corning</i> ® 1200 Prime Coat	< 775 g/L
<i>Dow Corning</i> ® 1205 Prime Coat	< 870 g/L
<i>Dow Corning</i> ® P5200 Adhesion Promoter	< 95 g/L
<i>Dow Corning</i> ® Primer C	< 860 g/L
<i>Dow Corning</i> ® Construction Primer P	< 865 g/L

Section EQ (Indoor Environmental Quality), Credit 4.2 This credit also relates to the VOC content of paints and coatings like *Dow Corning*® AllGuard Silicone Elastomeric Coating. However, this credit relates to indoor applications and *Dow Corning*® AllGuard Silicone Elastomeric Coating is typically an exterior coating. If needed, the VOC value is listed below. Refer to this specific LEED® literature for details concerning credits and when they can be taken.

*Dow Corning*® AllGuard Silicone Elastomeric Coating < 55 g/L

Section MR (Materials and Resources), Credit 4.1 This credit relates to recycle content of materials. In the past, customers have asked about recycle content, but you will not be able to take any credits. The Post-Consumer Recycled Content and the Post-Industrial Recycled Content is 0%.

Further LEED® information is available on the U.S. Green Building Council web site at [www.usgbc.org](http://www.usgbc.org)

Thank you for your continued interest in Dow Corning Products. Feel free to contact me if you have any questions.

Sincerely,

DOW CORNING CORPORATION

**Trademark**

LEED® is a registered trademark of the U.S. Green Building Council.