**GENERAL INFORMATION**

Valspar Low VOC system provides an environmentally friendly and economical solvent solution using our trademark Clean Air® formula technology while maintaining the consistent quality that Valspar is known for. LVCC300 is a Low VOC medium solids (MS) Acrylic Polyurethane Clear designed for ease of use. LVCC300 offers excellent durability with good flow and high gloss.

1. **COMPONENTS**
   - LVCC300 Low VOC Clearcoat
   - LVA500 Low VOC Activator
   - LVPA400 Low VOC Production Additive
   - 171 Reducer Fast
   - 172 Reducer Medium
   - 173 Reducer Slow
   - 174 Reducer Very Slow
   - 171HP Reducer High Performance Fast
   - 172HP Reducer High Performance Medium
   - 173HP Reducer High Performance Slow
   - 174HP Reducer High Performance Very Slow

2. **MIXING RATIO**
   **CONVENTIONAL APPLICATION - 4:1:0-10%**
   - Mix four (4) parts LVCC300 to one (1) part LVA500 Activator (4:1)
   - May be reduced up to 2 ½ ounces per sprayable quart (0 – 10%) with 170 or 170HP Series Reducers

   **AIR DRY APPLICATION - 4:1:10%**
   - Mix four (4) parts LVCC300 to one (1) part LVA500 Activator and add 10% LVPA400 Low VOC Production Additive

For USA/Canada VOC compliant rules:
- For 2.1 VOC compliance use components listed above

3. **POT LIFE @ 77°F (25°C)**
   - **CONVENTIONAL APPLICATION:**
     - 30-60 minutes
   - **AIR DRY APPLICATION:**
     - 30-60 minutes

4. **CLEAN UP**
   - Use Valspar Refinish Reducers listed above (check local regulations)

5. **ADDITIVES**
   - LVPA400 Low VOC Production Additive

6. **SURFACE PREPARATION**
   - FOR APPLICATION OVER RECOMMENDED BASECOAT SYSTEM ONLY
   - Allow basecoats sufficient dry times
   - OEM BLEND AREAS
     - **Option 1:**
       - Clean blend area with Valspar 170 Aqua Clean
       - Scuff blend area with gray scuff pad and sanding paste
       - Sanding paste must be thoroughly washed away
       - Reclean blend area with Valspar 170 Aqua Clean prior to topcoating
     - **Option 2:**
       - Clean blend area with Valspar 170 Aqua Clean
       - Sand blend areas with P800 - P1000 grit paper, for hard to reach areas scuff with gray scuff pad
       - Reclean blend area with Valspar 170 Aqua Clean prior to topcoating
   - NOTE: Option 1 and 2 the OEM Blend area must be scuffed or sanded completely dull

7. **TOPCOATS**
   - N/A

8. **TECH NOTES**
   - N/A

9. **SUBSTRATES**
   - LVBR100 Low VOC Basecoat
   - 999 Series Basecoat
   - Properly cleaned and sanded OEM finishes

10. **APPLICATION**
    - Spray two (2) wet coats allowing each coat to become non stringing before applying the next coat

11. **FLASH / DRY TIMES**
    - **AIR DRY 4.1:10% LVPA400 @ 77°F (25°C)**
      - Flash between coats: Not Stringing
      - Dust Free: 20 minutes.
      - Sand and Buff: 3-4 hours

    - **FORCE CURE**
      - Flash between coats: Not Stringing
      - Flash before Force Dry: 10 minutes
      - Cure Schedule: 15-20 minutes @ 140°F-150°F (60°C-65°C)
      - Sand and Buff: After Cool Down

12. **INFRARED CURE**
    - **See Infrared Curing Information**

13. **GUN SET UP**
    - **CONVENTIONAL GUN**
      - Gravity Feed: 1.3 mm - 1.4 mm
      - Siphon Feed: 1.4 mm - 1.6 mm
      - HVLP: 1.3 mm - 1.5 mm

    - **AIR PRESSURES**
      - Conventional @ Gun
        - Gravity Feed: 30-35 psi (2.0-2.5 bar)
        - Siphon Feed: 35-45 psi (2.0-3.1 bar)
        - HVLP Inlet Air: 30 psi (2.0 bar)
      - See spray gun manufacturer info

14. **PHYSICAL DATA**
    - **SEE PAGE 2**

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If used as instructed, this product is designed to comply with VOC standards in low-VOC jurisdictions. Confirm compliance with state and local air quality rules before use. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. **UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.**

Revised 21 March 2014

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14. PHYSICAL DATA

FOR USA/Canada (2.1 LBS/GAL. Compliance)

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NOTE: Values reflect use with and without optional additives. US/Canadian Regulations allow for the use of exempt compounds for VOC calculations.

FOR REST-OF-WORLD (outside US and Canada):

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