

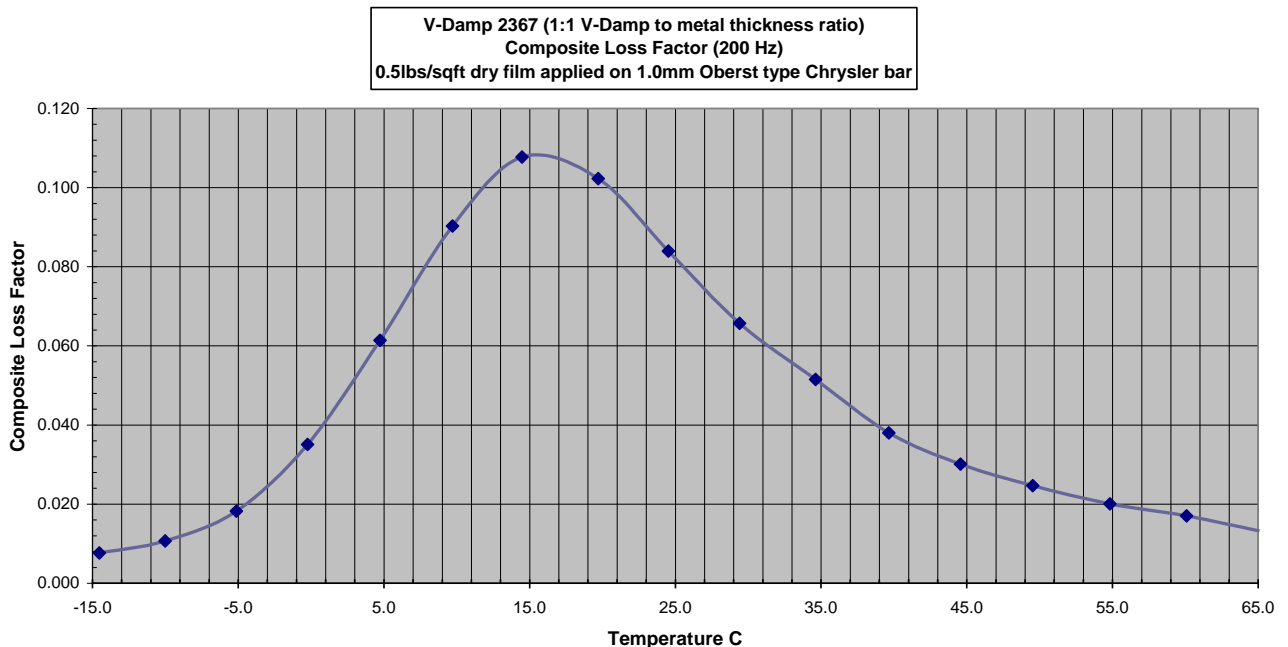
**PRODUCT  
INFORMATION**

**V-DAMP® 2367**  
**Sound Deadener**

V-DAMP® 2367 is a liquid applied sound dampener specially formulated for use in automotive underbody and wheelhouse applications. It is a latex based, 0 VOC, chip resistant coating that is intended for application after final color bake over electro-coat primed steel or color coated body surfaces. It is highly effective in reducing vibrational resonance conditions in structures such as automobiles and trucks. The product meets the requirements of Chrysler MS-HA22-A and GM 9981949, where both sound deadening and chip resistance are important properties.

V-DAMP® 2367 offers the automotive NVH engineer a cost effective, airless spray alternative to manually applied mastic sound pads. An overall weight savings over the mastic pads could also be expected.

**KEY ATTRIBUTES OF V-DAMP® 2367**



- Sound Deadening Properties – OBERST BAR (SAE J-1637) METHOD (1.0 x 20 x 216 mm steel bar).

## APPLICATION

Surface must be clean and free of oil and foreign matter. Adhesion is very good on electro-coat primed steel, stainless steel, bonderized steel, primed steel, wash-primed galvanized sheet metal, and wash-primed aluminum. Airless spray mastic type equipment is recommended for applications. Airless spray is typical for manual applications.

- Airless Spray - 0.27 to 0.40" spray tip, 3/4" i.d. material hose, pump with 30:1 ratio or higher, REXSON 5000 Series or Graco Bulldog® pump or equal.

## DRYING

At room temperature (1mm wet film): film formation 1-2 hours; dry to touch 3-4 hours; complete dry 24 hours. Baked at 180°F; dry in 5 to 10 minutes.

## THINNING

Product is ready for use as received. If conditions should require thinning, use water sparingly.

## CLEAN-UP

After use, equipment may be flushed with water.

## PHYSICAL PROPERTIES (TYPICAL)

|                      |  |                       |
|----------------------|--|-----------------------|
| Color                |  | Black                 |
| Viscosity            | 30,000 to 50,000 cps (#7 @ 20 rpm)                               |                       |
| Solids by Weight     |  | 80 %                  |
| Solids by Volume     |  | 68 %                  |
| Weight/Gallon        |  | 13.95                 |
| Specific Gravity     |  | 1.67                  |
| Flash Point          |  | None                  |
| VOC (EPA Method #24) | 0 lbs./gal. (water-based coating)                                |                       |
| Non-Bleeding         |  | Non-Asphaltic         |
| Odor After Drying    |  | None                  |
| Chemical Resistance  | Resistant to dilute acids, grease, gasoline, and aliphatic oils. |                       |
| Latex Emulsion       |  | Protect From Freezing |

**PERFORMANCE REQUIREMENTS**

*All tests performed over E-Coat panels; film application, 40-50 mils wet. Material was air-dried for 72 hours.*

| TESTS   |                  | RESULTS   |
|---|------------------|---|
| Cold Adhesion (Chrysler MS-HA22, 2.3B) -20°F, 36 impacts  |                  | Pass – (no coating removed).                          |
| Wet Film Flow, 80 mils  |                  | Less than 1/16" flow                                  |
| Corrosion Resistance (500 hours salt spray)   |                  | No evidence of corrosion or other film defects.       |
| Chip Resistance   | Room Temperature | No flaking, lifting, or loss of adhesion.             |
|   | -18°C            | No flaking, lifting, or loss of adhesion.             |
| Environmental Cycles (5 cycles): 16 hours 225°F, 24 hours humidity cabinet 100°F, 8 hours -20°F |                  | No loss of adhesion or other film defects.            |
| Cold Flex (-20°F), 90° bend over 1.25 in. mandrel   |                  | No loss of adhesion at bend.                          |
| Resistance to Water Spray, 5 hours dry, 40 mil film   |                  | No washout, displacement, or other damage to coating. |

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