



Transportation
Sealants & Adhesives

2350 MHRV™ & 2350 MHRV™ HAPS Free

VEHICLE BODY SEALANTS

1. PRODUCT NAME:

2350 MHRV™ Vehicle Body Sealant and
2350 MHRV™ HAPS Free Vehicle Body Sealant

2. MANUFACTURER:

GEOCEL, LLC
P.O. Box 398
Elkhart, IN 46515 USA
Phone: (800) 348-7615
Fax: (800) 348-7009
www.GeocelUSA.com

3. PRODUCT DESCRIPTION:

2350 MHRV™ Vehicle Body Sealant and 2350 MHRV™ HAPS Free Vehicle Body Sealant were developed from our best selling 2300 MHRV for specific applications requiring a heavier bodied product. They fill larger gap-sized joints, such as exterior wheel fender applications. They have been specifically formulated from a combination of special polymers for the many rigorous applications of the transportation industry, including truck-trailer, truck body, travel trailer, manufactured housing, and recreational vehicle. 2350 MHRV Sealant and 2350 MHRV HAPS Free Sealant can be exposed to any weather immediately after application. They have excellent expansion and contraction properties to withstand the joint movement and temperature changes associated with transporting manufactured units. They bond to many vehicle body manufacturing materials, including damp, slightly oily, or frozen surfaces.

Product Benefits:

- Heavy bodied to fill larger voids
- Short tack-free time
- Exceptional flexibility
- Excellent adhesion to many surfaces including metals, even when damp
- Ultraviolet resistant
- Resealable - may be applied over itself
- Paintable
- Ability to transport unit immediately in any weather
- Tools and cleans up easily
- Mildew resistant
- No dirt pick-up

Basic Uses:

- Roofing, door, and window framing
- Vents, trim, moldings, seams, and tail lights
- Bonds to many vehicle-building materials
- Where ultraviolet-stable material is required
- Where a paintable sealant is required
- As a trim sealant for metal components

Adheres To: Aluminum, glass, Kynar®, steel, wood, fiberglass, and vinyl

Composition and Materials: 2350 MHRV Sealant and 2350 MHRV HAPS Free Sealant are based on a proprietary formulation of polymers designed to provide optimum flexibility, adhesion, and weather resistance.

Grade: Gun grade consistency

Primer: Not required on most surfaces. If primerless adhesion to a particular substrate is in question, a test application is recommended. Contact Geocel's Technical Service Department for further information.

Packaging: 10.6 fl. oz. cartridge, 5-gallon pail, and 55-gallon drum

Colors: Bright white and gray

Product produced after Dec. 31, 2010 may not be sold in the state of California.

Limitations:

- Do not use on traffic-bearing surfaces
- Do not use on extruded polystyrene insulating sheathing (Styrofoam®, etc.)
- Do not use on acrylic skylight glazing surfaces
- Do not use in areas where food is processed or stored

4. INSTALLATION:

Surface Preparation: Excess butyl tape and putty should be removed before applying sealant. Priming is not required unless specified above. Joints should be basically clean and surface dry, although dampness from dew will not interfere with adhesion. Do not use Xylol or MEK to clean joints or to remove surface coatings unless surface can be allowed to dry before application of sealant. If the joint is wet with solvent, the sealant will not adhere properly. Use of a dry rag or brush to remove dust, dirt, or other contaminants is recommended.

Elongation: 2350 MHRV - 280%
2350 MHRV HAPS Free - 230%

Tack Free: 1 hour

Cure: 3 days

Service Temperature: -40° F to 180° F
(-40° C to 82° C)

Application Temperature: 0° F to 140° F
(-18° C to 60° C)

Application and Tooling: Apply with conventional air powered or battery operated caulking equipment, filling joint completely. When temperature is below 40° F (4° C), application will be easier if sealant is warmed. When temperature of surface to be sealed exceeds 140° F (60° C), do not apply sealant until surface cools. A soap solution or mineral spirits may be used as a lubricant for tooling. Do not allow tooling agents to contaminate open joints.

Painting: Sealants may be painted when dry to the touch (15 min. to 1 hr. depending on conditions). Sealants may be coated with any high quality paint. Some paints may crack in dynamic joints. See paint manufacturer's specifications.

Cleaning: Remove 2350 MHRV Vehicle and 2350 MHRV HAPS Free Transportation Sealants from gun and tools before they cure. This may be done by scraping and use of solvents such as MEK (lacquer thinner), Xylol, Toluol, or chlorinated solvents. Cured materials may be removed by cutting with sharp tools. Observe manufacturer's precautions when using toxic or flammable solvents.

Storage Life: One year in unopened containers stored in dry conditions. Always rotate stock.

Warning: Harmful or fatal if swallowed. If swallowed, call a physician immediately. May be harmful if inhaled in an enclosed space. Use only in a well ventilated area. Avoid prolonged skin contact. Combustible (during cure). **KEEP OUT OF REACH OF CHILDREN.**

5. AVAILABILITY AND COST:

Marketed throughout the U.S., 2350 MHRV and 2350 MHRV HAPS Free Sealants are available from various distributors. Cost and further technical data are available from your local Geocel representative or from Geocel's corporate offices.

6. LIMITED WARRANTY:

Geocel, LLC warrants that these products are manufactured according to their published standards. The company guarantees for 5 years from the date of manufacture that 2350 MHRV and 2350 MHRV HAPS Free Sealants will not crack due to normal expansion and contraction and that they will not lose their adhesion or cohesion. Geocel, LLC will, at its option, either refund the purchase price of, or provide replacement for, that portion of 2350 MHRV and 2350 MHRV HAPS Free Sealants which fails to perform in accordance with this warranty. Such refund or replacement will constitute the limit of Geocel's liability and obligation for any such failure. Geocel, LLC will not be liable or obligated otherwise for any loss or damage arising directly or indirectly from these products, or the use or failure thereof, whether based on breach of warranty or negligence.

7. MAINTENANCE:

No maintenance should be required. If the sealant is damaged, either remove the bead and reseal with sealant or apply additional sealant over the damaged area.

8. TECHNICAL SERVICES:

Geocel representatives throughout the U.S. are available to provide technical assistance. Geocel's in-house technical staff and laboratory facilities are equipped to respond to specific requests for further information and/or applications testing.

Theoretical Yield

PER 10.6 fl. oz. CARTRIDGE

Joint Size	Linear Feet
1/8" x 1/8"	102

For additional product information, refer to the product spec sheet located at www.GeocelUSA.com.