Geocel®

Transportation
Sealants & Adhesives

TECHNICAL DATA

2300 MHRV™ & 2300 MHRV™ HAPS Free

VEHICLE BODY SEALANTS

1. PRODUCT NAME:
2300 MHRV &
2300 MHRV HAPS Free

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:
2300 MHRV and 2300 MHRV HAPS Free Sealants have been specifically formulated from a combination of special polymers for the rigorous applications of the Transportation industry including truck-trailer, truck body, travel trailer, manufactured housing, and recreational vehicle industries. They have excellent expansion and contraction properties and withstand joint movement and temperature changes associated with transporting manufactured units. 2300 MHRV and 2300 MHRV HAPS Free bond to many vehicle body manufacturing materials, even damp, slightly oily, or frozen surfaces.

Product Benefits:
- Resistant to dirt pickup
- Exceptional flexibility
- Excellent adhesion to many surfaces, even when damp
- Ultraviolet resistant
- Resealable; may be applied over itself
- Paintable
- Tools and cleans up easily
- Mildew resistant
- Will not crack
- Easily applied, non-stringing formulation

Basic Uses:
- Vents, trim, moldings, seams, and tail lights
- Roof, door, and window framing
- 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:
2300 MHRV and 2300 MHRV HAPS Free Sealants 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: ***2300 MHRV*** - 10.3 fl. oz. cartridge, 13 fl. oz. sausage, 5-gallon pail, and 55-gallon drum
2300 MHRV HAPS Free - 10.3 fl. oz. cartridge

Colors: Clear, white, bright white, and aluminum

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.) or EPDM
- 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 otherwise. 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. Contamination from curing agents and form releases should be avoided. Contact Geocel's Technical Service Department or representative if such agents are involved.

Elongation (Peak): 2300 MHRV - 308%
2300 MHRV HAPS Free 185%

Tack Free: 2300 MHRV - 3 hours
2300 MHRV HAPS Free - 3.25 hours

Cure: 2300 MHRV - 6 days
2300 MHRV HAPS Free - 6 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 gun, air powered, or battery operated caulking equipment, filling joint completely. When temperature is below 0° F (-18° 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.

For applications involving EPDM, please consider using our Geocel ADVANCED RV EPDM™ Roof Sealant.

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

Cleaning: Remove 2300 MHRV and 2300 MHRV HAPS Free Sealants from gun and tools before sealant cures. 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: Both products are 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., 2300 MHRV & 2300 MHRV HAPS Free 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 2300 MHRV & 2300 MHRV HAPS Free 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 2300 MHRV & 2300 MHRV HAPS Free 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 Cartridge
1/8" x 1/8" = 99 linear feet

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

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