

SikaSeal[®] 710

A universal mastic sealant/adhesive

Typical Technical Product Data

Appearance	Soft, thixotropic mastic
Color	Gray
Specific gravity (ASTM D792-91)	1.3 +/- 0.1
Solid content (ASTM D1489): 20 min @ 356°F (180°C)	90% minimum
Viscosity (ASTM D1092)	280-420 Pas at 20 sec ⁻¹
Odor	Material does not have toxic or noxious odor
Flame resistance	Material is self-extinguishing
Flash point (ASTM D93 Closed Cup)	> 200°F (93°C)
Adhesion	Forms an excellent bond to standard OEM substrates and aluminium.
Corrosion resistance	Protects metal substrates from corrosion after environmental aging
Solubility	Does not contaminate phosphate or electrodeposition coating baths
Weldability	Can be used in weld-through applications without any degradation in weld strength
Application temperature	68°F to 95°F (20°C to 35°C)
Shelf life	3 months below 95°F (35°C)

Description

SikaSeal[®] 710 is a PVC free universal mastic adhesive used in OEM body shops for both spot weld and mastic applications.

Advantages

- ▲ PVC Free
- ▲ Universal applications
- ▲ SKU reduction resulting in cost reduction
- ▲ Can be robotically applied
- ▲ Excellent corrosion resistance

Performance

Applied in the Body Shop, SikaSeal[®] 710 expands and cures during the electro-deposition bake cycle. Tolerant of over- and under-bake conditions, it can be applied in any area of the vehicle for spot weld and mastic applications.



Adhesion and Durability

SikaSeal® 710 has excellent adhesion to oily, cold-rolled, galvanized, galvaneal and aluminum steels allowing for installation at any point during the body shop assembly. After exposure to standard automotive bake conditions, SikaSeal® 710 exhibits excellent adhesion to oily metal surfaces, including cold rolled, galvanized (hot dipped and electroplated), galvaneal and aluminum steel. Adhesion is maintained after subjection to the various accelerated aging and weathering test conditions used in the automotive industry.

Packaging and Handling

SikaSeal® 710 is supplied in 5 and 55 gallon drums (net volumes 5 and 51 gallons, respectively). The sealant can be applied manually or robotically, and is stored and pumped at ambient temperatures. SikaSeal® 710 will not wash out during pretreatment and cleaning processes. It is compatible with automotive treatment baths and will not corrupt or corrode finish processes.

Equipment

SikaSeal® 710 is applied using a standard, high viscosity, pneumatic or hydraulic powered pump that is pressured balanced for uniform dispensing. The pump configuration must be for 5-gallon pails or 55-gallon drums with the appropriate follower plate and ram pumps. No heat is required and no heated followed plate or hose is required.

HMIS

Health	2
Flammability	2
Reactivity	0
Personal Protection	C

IMPORTANT

For further information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Material Safety Data Sheets containing physical, ecological, toxicological and other safety related data. It is highly recommended to read the actual Material Safety Data Sheet before using the product.

**KEEP OUT OF REACH OF CHILDREN
NOT FOR INTERNAL CONSUMPTION
FOR INDUSTRIAL USE ONLY
KEEP CONTAINER TIGHTLY CLOSED**

In case of emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887

For Material Safety Data Sheet, contact Sika at 248-577-0020.

LIMITED MATERIAL WARRANTY

This product is solely intended for use by Automotive Original Equipment Manufacturer (OEM) professionals trained in the individual OEM's installation instructions and is designed per the individual OEM's specifications. No warranty is supplied with respect to the data supplied herein, which is representative of material characteristics and is provided for informational purposes only. User determines suitability of product for use and assumes all risk. In all instances, Buyer's sole remedy shall be limited to the purchase price or replacement of product and excludes labor or the cost of labor. Any claim for breach of warranty must be brought within 90 days of the date of purchase. **NO OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY. SIKA SHALL NOT UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY KIND, RESULTING FROM ANY CLAIM OF BREACH OF WARRANTY,**

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Legal Notes

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Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Material Safety Data Sheet which are available at www.sikacorp.com or 201-933-8800. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Material Safety Data Sheet prior to product use.

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