BUILDING TRUST

PRODUCT DATA SHEET

Sikagard®-6220

SPRAYABLE, HIGH PENETRATING CAVITY WAX

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base		Wax solution
Color (CQP001-1)		Amber
Cure mechanism		Air-drying
Density		0.87 kg/l
Solid content (CQP002-1)		53 %
Application temperature		15 – 25 °C
Film thickness	wet	100 µm
	dry	50 µm
Drying time		3 h [A]
Service temperature		-50 – 75 °C
Shelf life		24 months [B]

CQP = Corporate Quality Procedure

[A] 23 °C / 50 % r. h.

[B] storage between 5 °C and 25 °C

DESCRIPTION

Sikagard®-6220 is an amber colored, durable wax with very good rust-proofing properties. It is suitable for an effective protection against corrosion in vehicle body cavities and convinces with its outstanding application properties and very good final performance. Thanks to its very high creep capability, it well protects even hardly accessible areas and tight sheet intervals.
After drying, a brown, slightly sticky wax coating remains that protects cavity areas from corrosion.

PRODUCT BENEFITS

- Very good creep capability making easy application even at colder temperatures
- Excellent film building properties
- Outstanding water displacing
- Good low temperature behavior
- Heat resistant
- No hazing during application
- Permanently elastic
- Lower solvent content
- High road salt resistance

AREAS OF APPLICATION

Sikagard®-6220 is a spray applied anti-corrosion coating for repair and protection of concealed areas of vehicles such as cavities of door skins, side panels, motor hoods, trunks, rear wing, sills, cross members and pillars.
The product can be sprayed haze free, able to penetrate finest hairline cracks but does not drip through drainage holes.
Sikagard®-6220 shows very good adhesion on different paints, metal primers, metals and PVC without any pre-treatment.
This product is suitable for experienced professional users only. Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

CHEMICAL RESISTANCE

Sikagard®-6220 is resistant against water, seawater, salt spray, oil, soft bases and acids.
The above information is offered for general guidance only. Advice on specific applications will be given on request.

METHOD OF APPLICATION

Surface preparation

Surfaces must be clean, dry and free of rust, dust and grease. Bare metal must be pre-treated to enhance corrosion resistance (e.g. uncoated steel, etc).

Application

Sikagard®-6220 can be applied by light airless spray equipment or by air-mix guns with an air pressure of approx. 3 - 6 bar. Use either the Sika® CW Gun (pressure cup type) or the Sika® UBC+ Gun (vacuum type) to apply the product.
Shake can approx. 40 times before use. Cover adjacent surfaces prior the spray process. Spray at room temperature and from a distance of approx. 25 cm on the surface or in the cavity using a flexible hose. Use the existing or drill access points in the car body. Spray a continuous coat and do not spray on parts of the brake, engine or exhaust system.

Removal

Uncured Sikagard®-6220 can be removed from tools and equipment with Sika® Remover-208 or another suitable solvent. Once dried, the material can only be removed mechanically. Hands and exposed skin shall be washed immediately using hand wipes such as Sika® Cleaner-350H or a suitable industrial hand cleaner and water.
Do not use solvents on skin.

Overpainting

Sikagard®-6220 cannot be overpainted.

FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.
Copies of the following publications are available on request:
- Safety Data Sheets

PACKAGING INFORMATION

Can	1 l
Jerry can	10 l
Drum	60 l

BASIS OF PRODUCT DATA

All technical data stated in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

HEALTH AND SAFETY INFORMATION

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

DISCLAIMER

The information, and, in particular, the recommendations relating to the application and enduse of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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