

PRODUCT DATA SHEET

Sikagard®-6620

Sprayable underbody and stone chip protection coating

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Water based acrylic
Color (CQP001-1)	Black
Cure mechanism	Air-drying
Density (uncured)	1.05 kg/l
Solid content	60 %
Application temperature	ambient 15 – 25 °C
Film thickness	wet 500 µm dry 300 µm
Tack free time	60 minutes ^A
Drying time	24 hours ^A
Service temperature	-20 – 80 °C
Shelf life	18 months ^B

CQP = Corporate Quality Procedure

^A) 23 °C / 50 % r. h.^B) stored between 5 °C and 25 °C**DESCRIPTION**

Sikagard®-6620 is a durable, water based protective coating with good rust-proofing and sound deadening properties. It is suitable for an effective underbody and stone chip protection to the vehicle body and convinces with its excellent final performance.

PRODUCT BENEFITS

- Low VOC
- Over paintable
- Remains flexible when dry
- Various finishes achievable
- Good adhesion performance
- Good low temperature behavior
- Easy application with no running or dripping
- Good abrasion, impact and road salt resistance

AREAS OF APPLICATION

Sikagard®-6620 is a spray applied anti-corrosion coating for repair and protection of vulnerable, painted parts of vehicles such as door sills, wheel arches, front and rear aprons as well as vehicle underbody parts.

This product is suitable for experienced professional users only.

Tests with actual substrates and conditions have to be performed ensuring adhesion and material compatibility.

CHEMICAL RESISTANCE

Sikagard®-6620 is resistant against water, sea-water, salt spray, oil, bases and acids.

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®-6620 can be applied by light airless spray equipment or by air-mix pistol with an air pressure of approx. 3-6 bar. 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 in an grid motion to build up a continuous coat. Sikagard®-6620 can be applied without dripping. Apply this product until the desired layer thickness is reached. If a thick layer is required, let layers dry in between. A wide variety of textures can be achieved by altering the spray technique. Do not spray on parts of the brake, engine or exhaust system. For advice on selecting and setting up a suitable pump system, contact the System Engineering Department of Sika Industry.

Removal

Uncured Sikagard®-6620 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®-6620 is over paintable in a dry state (after 24 hours) with commonly used conventional paint systems. Waiting time can be reduced by accelerated drying at max. 60°C. Due to the wide range of paints, adhesion and compatibility tests are necessary.

STORAGE CONDITIONS

Sikagard®-6620 has to be kept between 5 °C and 25 °C in a dry place. Do not expose it to direct sunlight or frost. The lowest allowed temperature during transportation should above 5 °C.

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 kg
Pail	20 kg

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.

