

PRODUCT DATA SHEET

SikaGard®-6440 S

Sprayable underbody and stone chip protection coating in aerosol can

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Rubber based
Colour (CQP001-1)	Black / grey
Cure mechanism	Air-drying
Density (uncured)	0.78 kg/l
Solid content	33%
Application temperature	15 – 25 °C
Film thickness	wet 600 µm dry 200 µm
Tack free time	30 minutes ^A
Drying time	16 h ^A
Service temperature	-25 – 80 °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®-6440 S is a rubber-based quick repair protective coating in an aerosol can with good rust-proofing and sound deadening properties. It is suitable for an effective underbody and stone chip protection to the vehicle body.

Sikagard®-6440 S shows a good over paintability performance with most of the commonly used paint systems.

PRODUCT BENEFITS

- Shake and Spray - equipment independent (aerosol).
- Easy application with no running or dripping
- Good abrasion, impact and road salt resistance
- Various finishes achievable
- Good adhesion performance
- Over paintable
- Very good low temperature behavior
- Free of heavy metal
- Remains flexible when dry

AREAS OF APPLICATION

Sikagard®-6440 S is a spray applied anti-corrosion coating for quick repair of vulnerable, painted parts of vehicles such as door sills, wheel arches, front and rear aprons as well as vehicle underbody parts.

Sikagard®-6440 S shows good adhesion on different paints, metal primers, metals and PVC.

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.

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CHEMICAL RESISTANCE

Sikagard®-6440 S is resistant against water, seawater, salt spray, oil, 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.

Metal substrates must be pretreated in order to prevent corrosion where required (e.g. uncoated steel, etc).

Application

Shake can approx. 40 times before use. Cover adjacent surfaces prior the spray process. Hold the can in an upright position and spray at room temperature and from a distance of approx. 25 cm in an grid motion to build up a continuous coat.

Apply Sikagard®-6440 S until the desired layer thickness is reached. If a thick layer is required, let layers dry in between. Do not spray on parts of the brake, engine or exhaust system.

After use, invert can and spray in short bursts to clear nozzle.

Removal

Fresh Sikagard®-6440 S can be removed from tools and equipment with Sika® Remover-208. Once dried, the material can only be removed mechanically.

Hands and exposed skin should be washed immediately using Sika® Handclean towels or a suitable industrial hand cleaner and water. Do not use solvents on skin.

Overpainting

Sikagard®-6440 S is over paintable in a dry state (after 16 hours) with commonly used conventional paint systems. Waiting time can be reduced by accelerated drying at max. 40°C. Due to the wide range of paints adhesion and compatibility tests are necessary.

FURTHER INFORMATION

Copies of the following publication is available on request:

- Safety Data Sheet

PACKAGING INFORMATION

Aerosol can	500 ml
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BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet 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 Material 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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