Technical Data Sheet

Properties:

AKEMI® Undercoating & Stone Guard Spray Gun Rubber is a stone guard based on synthetic rubber and corrosion inhibitors, dissolved in white spirit. The product is characterized by the following properties:

- high rigidity (up to 2 mm can be applied in one operation)
- non dripping application
- good adhesion on iron, steel, wood (dried) and PVC
- highly effective against stone strikes and corrosion caused by thawing salt
- cures to a grippy, tack-free and tough elastic film
- high abrasion resistance
- can be painted with almost all paints commercially available
- very good sound deadening properties
- very good thermal stability and low-temperature flexibility

Application Area:

AKEMI® Undercoating & Stone Guard Spray Gun Rubber is commonly used as a gravel impact protection on sills, front, side and panels and wheel arches and as well for repair underbodies of cars, caravans and trailers.

Instructions for Use:

1. The surface to be treated must be de-rusted, degreased, dry, and free of dust. Remaining corrosion can be treated with AKEMI® Rust Remover.
2. Protect all areas not to be coated by covering e.g. engine, gearbox, sump, cardan-shaft, differential, exhaust, axles, suspension struts as well as brake and steering parts.
3. Shake can well before use.
4. The undercoating is applied in several thin layers up to a total thickness of 1 mm (2 cross coats) using a suction-feed spray gun (spraying pressure 4-7 bar at a distance of approx. 25 cm) or with an airless spray gun).
5. The surface of the protection coating is dry after approx. 30-60 min., complete drying after approx. 24 hours.
6. Allow to completely harden before over painting (approx. 1-2 hours; very good ventilation and temperatures > 20°C).
7. When using 2K coats, thinly apply a reactive primer or paint followed by final coat after flash off.

Special Notes:

- Use AKEMI® »Liquid Glove« to protect your hands.
- Optimum working temperature range: 15 - 25°C.
- Low spraying pressure and a wide nozzle hole result in a coarse surface structure; high spraying pressure and a small nozzle hole result in a smooth surface structure.
- If the air holes close to the screw-in thread of the gun are clogged, the can may burst.
- For optimum results apply several thin coats instead of one heavy coat.
- Turn aerosol upside down after use and spray till only gas comes out.
- Accidentally sprayed parts can be cleaned with AKEMI® Universal Thinner, cold-cleaning agent or white spirit.

AKEMI GmbH · Lechstraße 28 · 90451 Nürnberg · Germany
Tel. +49(0)911-64296-0 · Fax +49(0)911-644456 · www.akemi.com

Technical Data Sheet

Technical Data:	Colour:	light grey, white, black
	Density:	approx. 1.06 g/cm³
	Temp. resistance:	-30°C up to +95°C, short-term 110°C
	Coverage:	approx. 2 – 3 m²/can
	Salt spray test DIN50021:	500 µm dry, 1000 hrs: Ri0 (DIN53210)

Storage: If stored in dry and cool condition (5-25°C/41-77°F) in its closed original container at least 12 months from production.

Health & Safety: Read Material Safety Data Sheet before handling or using this product.

Important Notice: The above information is based on the latest stage of development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trails of the product, in an inconspicuous area or fabrication of a sample piece.

AKEMI GmbH · Lechstraße 28 · 90451 Nürnberg · Germany
Tel. +49(0)911-64296-0 · Fax +49(0)911-644456 · www.akemi.com