

## Product/Technical Data Sheet (TDS)

# Stone Guard – Solvent Based

### Description:

*Motospray Aerosol Stone Guard* is a flexible textured underbody coating for stone chip and general road abrasion protection. Suitable topcoats are *Acrylic Lacquer*, *2 Pack Colour* and *Basecoat*, and *2 Pack Iso-Free Acrylic Finish*.

### Uses:

It is suitable for use in the repair of underbody areas such as sills, wheel arches, wing edges, front and rear aprons for all cars, trucks, caravans and trailers.

Also recommended for its sound deadening properties when used in the engine bay, luggage compartment, door wells and floor area.

### Properties:

- Solvent based
- Flexible
- Colours-Black or Grey.
- Textured
- Sound deadening properties
- Can be overpainted

### Surface Preparation:

1. Apply *Stone Guard* over suitably prepared and/or primed substrates.
2. Remove and treat rust and all surface dirt and wipe over thoroughly with *Motospray Prepwash*.
3. If required apply a primer suitable for the surface. Do not apply *Stone Guard* directly to bare metal, plastic, fibreglass or timber. Suitable primers include *Motospray Flexiprime*, *2 Pack High Build Primer / Filler*, *2 Pack Iso Free Primer Isolator*, *2 Pack Red Primer*, *Super Etch Primer*, *Acrylic Primer Surfacer*, *One Step Primer*, *Putty*, *Bumper Prime*.
4. May be applied to sound existing standard automotive finishes such as *2 Pack Colours* and *Clear*, *Acrylic*
5. *Lacquer*. Not suitable over enamels.
6. Sand all surfaces to be painted with P320-400 grit paper to promote adhesion.
7. Ensure that the surface is clean, dry and dust free by cleaning with *Prepwash*.

### Application:

1. Mask off surrounding areas to avoid over spray. Do not coat functional parts such as springs, exhausts, drive shafts, engine, etc.
2. Shake can vigorously for one minute after the sound of the agitator is heard.
3. Spray in even overlapping pattern from a distance of approximately 25-30cm. To obtain the desired texture and film build perform test sprayouts. It is important to keep the can in motion when spraying. This will avoid excessive film build and associated problems such as slow drying and pinholes.
4. Apply 2-3 light coats of *Stone Guard*. Allow 15-20 minutes flash off between coats.
5. Turn can upside down and spray briefly to clear nozzle after use.
6. Allow to air dry for approximately 4 hours at 200C. Allow longer at lower temperature and for higher film thickness. Overnight drying is recommended. Do not force dry. It is important that *Stone Guard* is thoroughly dry before topcoating, otherwise problems such as slow drying and cracking may occur.
7. Finally apply the topcoat. Suitable topcoats are *Acrylic Lacquer*, *2 Pack Colour*, *Basecoat/Clearcoat*, and *2 Pack Iso-Free Acrylic*. Suitable flexibility additives are recommended for use with the top coats. In particular *Flex Add* should be used with *Acrylic Lacquer*.
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**Drying Times:**

Finish will be touch dry in approximately 1 hour at 20°C.

Recoat time 4 hours at 20°C.

Heavy coatings and low temperature will extend drying and recoat times.

**Storage:**

Store in a cool dry place. Pressurised dispenser. Protect from sunlight and do not expose to temperatures exceeding 50°C.

**Safety:**

See Material Safety Data Sheet.

**Standard Packages:**

AEROSOL GREY SGSG400

AEROSOL BLACK SGSB400

*The information contained in this bulletin is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.*