



THE R.J.  
MARSHALL  
COMPANY

# *Spray Granite Advantage*

## *Sprayable Granite Effect Filler*

Spray Granite Advantage (SGA, SGL) filler system is an economical alternative to solid surface and cultured granite castings. It is designed to be mixed into a clear gelcoat and sprayed behind a clear gelcoat or against the mold as the primary wear surface. Spray Granite Advantage can be used in cast polymer and fiberglass reinforced plastic products. It is made from the highest UV stable thermoset polyester resin and ATH fillers available.



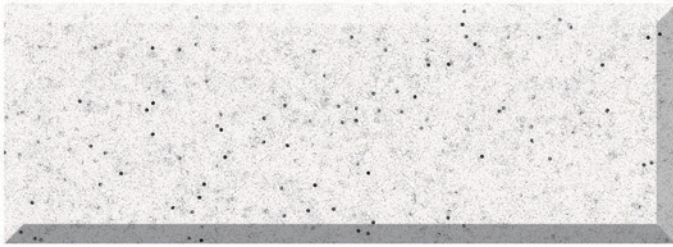
### **Spray Granite**

#### **Advantage benefits:**

- *Outstanding coverage and hide properties*
- *Less shrinkage, easier sanding, less finishing time than thermal plastic granule products*
- *Superior bonding with your quality gelcoat system*
- *Superior hardness, stain resistance, and thermal shock performance*
- *Mix only what you need when you need it (mix today, spray today)*
- *Extraordinary cost savings when compared to "wet" ready-to-spray products*



# *Spray Granite Advantage*



**NEW** SGA 229 Tundra\*



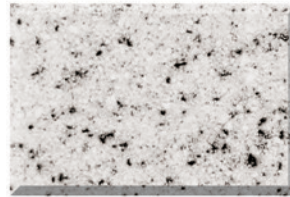
**NEW** SGA 264 Silver Dollar\*



SGA 203 Blizzard



SGA 205 Cashmere



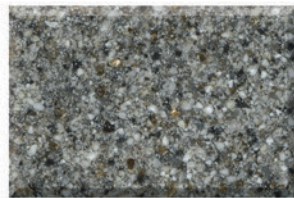
SGA 210 Pewter



SGA 251 City Grey



SGA 254 Slate



SGA 255 Tweed



SGA 300 Sandy Beach



SGA 320 Aggregate



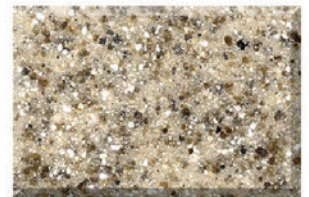
SGA 323 Aspen



SGA 325 Biscotti



SGA 330 Walnut Toffee



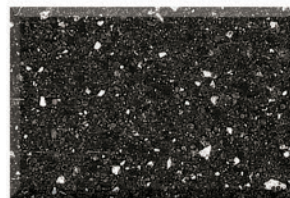
SGA 334 Cappuccino



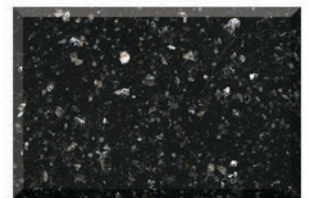
SGA 335 Riverstone



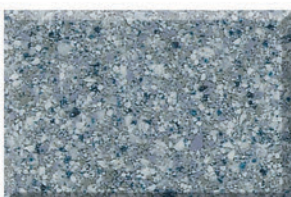
SGA 351 Antique



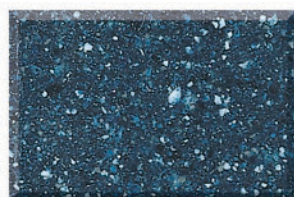
SGA 420 Obsidian



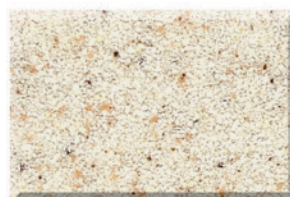
SGA 422 Galaxy Black



SGA 725 Blue Jeans



SGA 750 Lake Michigan



SGA 800 Peach Freeze



SGA 806 Harvest



Our granules are manufactured under  
The R.J. Marshall exclusive patent  
and contain up to 22%  
post industrial recycled content.

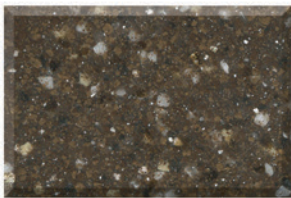
Spray Granite Large (SGL) incorporates granules as large as 10 mesh to create a more chunky appearance like solid surface or natural granite. Like SGA, SGL has been developed to build opacity quickly which improves cost efficiency.



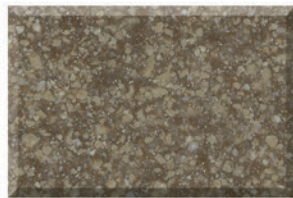
SGL 211 Silver Stone



SGL 324 El Paso



SGL 338 Dakota



SGL 343 Pecan



SGL 352 Oatmeal



SGL 360 Roman Gold

Spray Granite Advantage is shipped as a non-hazardous, non-flammable material and will last indefinitely if properly stored. Spray Granite Advantage is available in standard colors with a minimum order size of 1-gallon. Custom colors and color matching is available upon request.

Actual color and granule size will vary.  
Final product determination must be based on spraying in your process.

*\*Features a reflective additive.*



## Suggestions For Use

**Spray Granite Advantage Large (SGL)** - This material needs to be evaluated for use in your application and equipment. Some systems will not handle the larger granules. We suggest that molds be pre-wet with gel coat before spraying these products through dry spray equipment to maximize transfer efficiency and minimize the chance for porosity on the surface of the part.

**Equipment** - Spray Granites can be effectively applied with a cup gun and a #9 nozzle (9/32 inch orifice). For larger volume applications, a dry spray and a volume wet spray system may be used. If the spray equipment plugs: try a larger orifice, drill air intake hole larger on cup gun lid or add more gelcoat to the mix.

**Filler / Resin Ratio** - This product should be mixed into a good quality clear gelcoat at a ratio of 60% gelcoat to 40% filler. It is essential that a gelcoat be used to provide the proper thixotrophy and ultraviolet light stability. Thixotrophy values of 5 or higher will hold granules in place on vertical surfaces. The opacity of the matrix is provided by the granite effect particulate only, so the filler loading should remain as high as possible.

**Catalyst Levels** - The catalyst levels used should be based on recommendations from your gelcoat or catalyst supplier. If you are using a cup gun to spray the granites you may want to consult your gelcoat manufacturer about the minimum catalyst levels to give you additional working time. Do not go below the minimum catalyst level your gelcoat manufacturer recommends.

**Matrix Consistency** - Since every gelcoat is different, the mix ratios will vary. If the granules bounce off the mold when you spray, the mix is too thick. If the granules sag or the granite layer does not become opaque the mix needs additional filler.

**Background Color / Color Additives** - The background color of the Spray Granite Advantage is provided by the combination of its colored granule concentrates. Pigmentation can be used to alter it if the granite is to be sprayed behind a gelcoat. Some care must be taken in pigmenting non-gel coated parts if the surface is going to be sanded after spraying. In these cases, most of the pigmented color will be lost, as a greater granule surface area will be exposed, diminishing the visible pigmented resin which had covered the surface. Note, the final appearance of Spray Granite products can be altered with change in catalyzation, backfill pigmentation and surface treatment.

**Spraying Technique & Overflows** - Spray using multiple cross directional passes to ensure an even build-up and apply a total film thickness to 40- 50 mils wet or until the mold is covered to opacity. Avoid excess material build up in corner radiuses. Spraying under the overflows is particularly difficult. Make sure that extra care is taken to get good coverage in that area.

**Backsplashes** - The granules will stop the backsplashes from closing tightly. Make sure the area where the backslash door fits up against the mold is well taped before spraying. Remove the tape and all granules that might stop a snug fit before closing the backslash door.

**Thermal Cycling** - SGA makes certified cast polymer parts. For a superior product, use it behind gelcoat with 10% Prolite 700C in the backfill matrix to make a part that surpasses 1000 cycles.

If using less than a full bag, we suggest mixing material in the bag thoroughly before using. Material may segregate during shipping. Due to the translucent nature of these products, backfilling with any other material is not recommended. These suggestions are not meant to represent a guarantee.



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*Quick Ship*  
program.



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