



DRIVING SURFACE PERFECTION™
 TECHNICAL DATA SHEET
 Version: 1.0

GRAVITEX PLUS

HS STONE CHIP PROTECTOR

TECHNICAL DATA SHEET & PROCESS GUIDE

A hard, durable underbody coating that can be used to reproduce the manufacturers original stone chip protective finish. Sound and vibration dampening makes it ideal for use inside compartments and panels.

PROPERTIES

- Ready to use 1K formula
- High build formula covers weld marks and seams
- Protects against stone chips, salt, damp and rust

Available Colours • Grey • Black • White

TECHNICAL DATA



Substrates

- Original Paint
- Bare Metal
- Polyester Filler
- Aluminium and galvanised surfaces
- SMC, Fiberglass

Viscosity 3.75 - 4.25 poise
Specific gravity 1.01 - 1.03 g/cm³

APPLICATION GUIDE



Tools Required

- Degreaser
- U-POL GUN/1
- Abrasives
- Painters Overalls



Substrate Preparation

To achieve best results, good preparation is essential. Degrease with U-POL Precleaner (UP2002, UP2012, UP2021 or UP2022). Abrade the surface:

Original cured paint: wet flat with P400

Bare Metal, SMC, Fiberglass, Polyester Filler: dry flat with P180.

Aluminium and galvanised surfaces: must first be coated with 1-2 light coats of ACID#8 1K Etch Primer and allowed to dry for 20 minutes.

Before applying primer, clean lightly once more with SYSTEM 20 Degreasers and dry thoroughly.



Viscosity Poise

3.75 - 4.25 poise

Working Pot-Life @ 68°F

n/a



U-POL GUN/1

Gun tip size n/a

Air Pressure at the gun 3 - 5 bar



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Coats

Build / microns

1 - 2 coats

approx 100 - 150 per coat



Flash-off @ 68°F

Between coats

10 - 15 mins



Drying Times

overcoat time @ 68°F

4 - 6 hours depending on film build and ambient temperature



Over Painting

GRAVITEX can be overpainted with most paint systems. For optimum gloss and durability the use of a topcoat system is recommended.

STORAGE & VOC INFORMATION



Shelf Life

2 years from date of manufacture in sealed original containers.

Recommended Storage Temperature

40°F - 75°F

Equipment Cleaning

Equipment can be cleaned with standard solvent based thinner. Please check local VOC regulations.

Safety Data Sheet code

GRA/NB1: GRANB1-US

GRA/GG1: GRAGG1-US

GRA/BW1: GRABW1-US



VOC Information

GRA/NB1	As Packaged/Applied	
Regulatory VOC	425 g/l	3.5 lbs/gal
Actual VOC	407 g/l	3.5 lbs/gal
Volatiles	45.8% by weight	
Water Content	0% by weight	
Exempt Compounds	5.6% w/w	4.2% v/v
HAPS	23.4% by weight	
Density	1013 g/l	8.4 lbs/gal

GRA/GG1	As Packaged/Applied	
Regulatory VOC	425 g/l	3.5 lbs/gal
Actual VOC	412 g/l	3.4 lbs/gal
Volatiles	43.7% by weight	
Water Content	0% by weight	
Exempt Compounds	3.7% w/w	2.9% v/v
HAPS	23.5% by weight	
Density	1031 g/l	8.6 lbs/gal



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GRA/BW1	As Packaged/Applied	
Regulatory VOC	425 g/l	3.5 lbs/gal
Actual VOC	415 g/l	3.5 lbs/gal
Volatiles	42.9% by weight	
Water Content	0% by weight	
Exempt Compounds	2.9% w/w	2.3% v/v
HAPS	23.5% by weight	
Density	1038 g/l	8.7 lbs/gal

Order Code	Format	Colour
GRA/NB1	1L Bottle	BLACK
GRA/GG1	1L Bottle	GREY
GRA/BW1	1L Bottle	WHITE

IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use.

This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information. U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local stockist or via the U-POL website at WWW.U-POL.COM. U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits.

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