



HIGH TECK TECHNICAL DATA SHEETS

3914
CHIP GUARD - BLACK
VERSION: 2.1

TECHNICAL DATA SHEET & PROCESS GUIDE

A textured, durable coating to protect against stone chips, salt and rust.

- Sound dampening - ideal for body panels and inside engine compartments
- Bonds directly to bare metal and prepared aluminum and galvanized
- High build formulation covers weld marks and seams
- Compatible with most waterborne or solvent based paint systems

TECHNICAL DATA

Substrates

- Direct to bare metal*
- Galvanized* and aluminum*
- SMC
- Lightly abraded E-coat
- Prepared OEM paint surfaces
- Fiberglass
- Properly prepared bumper covers

Tools Required

- HIT.3902 Degreaser Solvent Aerosol, HIT.7800-A Wipeout Wax & Grease Remover Aerosol or HIT.7801V-1 Waterborne Wax & grease Remover
- 220P-400P Grit Sandpaper



Substrate Preparation

For best results, ensure the surface is thoroughly cleaned, de-greased, dried and dust free.

* For optimum results on bare metal, galvanized steel and aluminum surfaces, apply after sanding with 220P - 400P grit sandpaper, 1-2 light even coats of **HIT.3907 or 3908 Acid Etch Primer Aerosol** and allow 30 minutes drying time before applying **HIT.3914**.

**It is not recommended to use H I T . 3 9 1 4 with thermoplastic acrylics.*

Mixing

Shake the aerosol can for at least 2 minutes before use.

Coats

1 - 2 coats at a distance of approx. 10 inches from the surface. Applying more than 2 coats increases dry time.

Build 50µ / 2 MIL

*Theoretical Coverage approx. ft²/can 43.1

**Theoretical Coverage per unit assuming 100% transfer efficiency and giving the dry film thickness between indicated values.*



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Flash-off / min @ 68°F

between coats 10 - 15 mins

Drying Times

Drying time @ 68°F / min 3 - 4 hours

Top Coated

HI.T.3914 may be top coated with most paint systems. 2K acrylic paints can be top coated once dry. For best results and optimum gloss, it is recommended to prime or seal before top coating.

STORAGE & VOC INFORMATION

Shelf Life

2 years subject to proper storage conditions.

Aerosol cans should be stored for two hours at room temperature before use. For long-term storage, keep in a dry, well-ventilated area away from direct sunlight and frost. To maximize the lifespan of your aerosol, always invert the can and spray it upside down for a few seconds after each use to clear the nozzle. Remove the nozzle from the can and soak it in gentle thinners if the nozzle becomes blocked.

Recommended Storage Temperature 41°F - 77°F

Recommended Application Temperature 68°F

VOC Information

Order Code	Format	Color	MIR
HIT.3914	450ml Aerosol	Black	CARB ABP 0.95

IMPORTANT: Read full instructions before use.

EMERGENCY TELEPHONE:

800 424-9300 (Chemtrec)

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

EMERGENCY TELEPHONE: (877) 900-8325, PO BOX 24631, West Palm Beach, FL 33416. info@highteckproducts.com.

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