

Cleaning & Disposal

How Do You Clean It Up?

On Application Equipment

Wet: clean with water, BeauGuard Defense is water soluble when wet. Dispose of waste water in accordance with local regulations.

Dry: use a standard lacquer thinner. Dispose in accordance with local regulations.

Off-Equipment

Spill: use absorbent materials and dispose in accordance with local regulations.

Unused: allow to dry until hardened then dispose as non-hazardous plastic waste, suitable for landfill or other standard solid waste disposal processes.

Removal

How Do You Remove It?

Once applied to equipment, use a lacquer thinner to remove it. Dispose of waste in accordance with local regulations.

Touch-Ups

How Do You Touch It Up?

Ensure the area is clean and dry, then apply directly over the area needed touch-up or repair. No other preparation is required. BeauGuard Defense bonds to itself and will create a seamless coating surface on the substrate once applied.

Safety & General Guidance

In Case of Contact

ON SKIN: Wash with soap and water

IN EYES: Rinse cautiously with water—for several minutes. Remove contact lens, if present, and easy to do. Continue rinsing.

IF INGESTED: Immediately call POISON CONTROL CENTER or doctor/ physician

Ventilation: Ensure adequate ventilation, especially in confined areas. None required if good ventilation is maintained.

Respiratory protection: Wear respiratory protection if ventilation is inadequate. Recommend particle filter air-purifying mask/ cartridge N95 or P100 (NIOSH/MSHA).

BeauGuard Defense is a low VOC coating, containing less than 50 grams. Fumes may not have to be captured, please check your local environmental regulations.

Temperature Notes

Apply in air temperatures from 55°F (13°C) up to 100°F (37°C). Do not apply on surfaces hotter than 200°F (93°C).

For Questions or Concerns, contact:

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Quick Start Guide

with Frequently Asked Questions





What Is It?

BeauGuard Defense is a water-based, 100% Acrylic/ Polymer Hybrid Resin single component, closed-cell (impermeable to air, water and oil) coating.

Is It Hazardous?

No more than any other off-the-shelf product.

You must always use proper PPE when handling and/ or applying it or it may cause skin or eye irritation.

Storage & Handling

How Do You Handle It?

When stored in its original container, treat it just like any off-the-shelf product. Keep the container **TIGHTLY** closed and in an upright position when not in use.

How Do You Store It?

Simply keep it above freezing and below 90°F (32°C) and out of direct sunlight.

Where Do You Store It?

In a normal, well-ventilated warehouse or area where you store off-the-shelf products.

How Long Can You Store It?

New and unopened it has a five year shelf life from the date of manufacture.

Already opened and in original container, as long as the pail is **TIGHTLY** closed after use, it will still last five years from the date of manufacture.

Once poured into another container for application, dispose of the remaining coating.

Product Use

What Surfaces Can You Use It On?

BeauGuard Defense will adhere to most surfaces: steel, aluminum, galvanized, glass, concrete, tile, wood, canvas, fiberglass, insulation/foam, shingle, rubber (but not plastic without the plastic adhesive)

It will NOT adhere to silicone or silicone-based material.

How Do You Prepare The Surface?

Any surface it will be used upon must be clean, dry and stable (no surface dirt, corrosion or moisture present) for the best application. Because this is a closed-cell system, once it is dry, it will trap any moisture.

Application Methods & Equipment

How Do You Apply It?

- Air spray: both pressure pot & airless systems may be used. Simply adjust appropriately for needed performance.
- Brush: we recommend natural bristle but nylon/ polyester work well too.
- Roller: standard 9" wide x 3/4" lambskin or other high quality roller (higher quality rollers provide better, more consistent coverage).
- Dipped: substrates/objects may be dipped directly into BeauGuard for ultra smooth finish.

What's Best For Complete Coverage?

To achieve our recommended thickness, use spray under the following guidelines:

- Pump: Min 1 - 1.5 GPM, 3.5 to 5.5 L/min
- Pressure: Min 3000 Psi, 200 Bar
- Hose: Min 3/8 hose, 10 mm
- Tip: 25-35
- Filter: May need to be removed (test first)
- Reduction: Not required, not recommended

Application

How Do You Prepare It For Application?

Open the pail and stir only. **DO NOT SHAKE!** Shaking introduces air bubbles which will disrupt the application and bond of the coating to the substrate.

How Thick Should You Apply It?

For general use and light corrosion protection, 11 mils dry thickness is appropriate.

For heavy corrosion resistance and best protection, we recommend applying a second coat to achieve 22 mils dry thickness.

How Long Does It Take To Dry?

Time to dry @ 22 mils wet (11 mils dry)

Temp	55°F/14°F	77°F/25°C	95°F/35°C
Touch	3 hrs	1 hr	40 mins
Hard Dry	24 hrs	12-18 hrs	8-12 hrs
Recoat	4 hr	1.5-2 hrs	1 hr

How Long Does It Take To Cure?

Time to cure @ 22 mils wet (11 mils dry)

Temp	55°F/14°F	77°F/25°C	95°F/35°C
Service	7 days	5 days	4 days
Full	10 days	7 days	5 days
Immersion	10 days	7 days	5 days

**All drying and cure times subject to temperature, humidity, ewpoint, layerthickness and airflow.*