

TECHNICAL DATASHEET

SPRAYWRAP® RT

Extreme high-build, peelable protective coating

Product Highlights:

- Super-tough coating dries up to 10 mils (250 microns) thick with a single application.
- Peels off easily and completely
- Protects against mutilation, overspray and environmental hazards
- Applied with airless or air-assisted airless equipment
- Thixotropic formula sticks to irregular and vertical surfaces, minimizing runs

SPRAYWRAP RT is a sprayable water-based coating that dries to form a super-tough, protective film. This solvent-resistant coating guards against scuffing, abrasion, paint overspray, and environmental hazards such as acid rain and rail dust. The RT formulation conforms to irregular surfaces without running, producing a dry coat up to 10 mils thick in a single application. Once dry, SPRAYWRAP RT peels off easily.

Uses:

For protection of polished, painted, brushed, and bare metal and stainless-steel surfaces during assembly, handling, or transit. Also protects glass, porcelain, polished stone, fiberglass, some plastics, and most painted hard surfaces.

NOTE: TEST FIRST TO DETERMINE SUITABILITY FOR YOUR INTENDED APPLICATION. See below for more information.

Color: Blue

Packaging:

5-gallon (18,9-liter) containers.

Construction:

A viscous, thixotropic, water-based liquid. When applied to a surface, it forms a non-tacky, peelable film.

Percent solids:

~50%

Theoretical coverage at typical film thickness:

80 to 160 square feet (7.5 to 15 square meters) per gallon

Shelf-life:

18 months at 25 C (77 F). Subject to re-inspection thereafter.

Storage:

Do not freeze. Liquid product will be irreparably damaged. Keep container tightly closed when not dispensing. "Head space" in closed container will allow some skinning to occur. Remove skin before dispensing and use a strainer or filter as part of standard procedures.



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PRECAUTIONS AND LIMITATIONS

Test first to determine suitability for your intended application!

- You should test SPRAYWRAP RT first on a smaller, expendable sample of the target substrate to determine the dry film thickness required for the protection level you hope to achieve.
- You should also test to ensure that the coating removes properly after the length of time you intend it to be on the substrate, under the conditions to which it will be exposed (e.g. internal vs. external).
- Painted surfaces must be fully cured before applying SPRAYWRAP RT.
- SPRAYWRAP RT will adhere too strongly to some types of plastic, such as acrylic, and possibly others. It is especially important to confirm compatibility before using on plastic substrates.
- SPRAYWRAP RT will not remove properly if the coating is not applied uniformly at sufficient film thickness. A wet film thickness of at least 10 mils (5 mils dry) is recommended for most applications.
- Complex surface features and crevices may need to be masked before application to prevent coating from anchoring in these areas and making removal difficult.
- If used as a sliceable mask for custom paint designs, SPRAYWRAP RT is designed to protect against light to medium coats of paint/solvent. Heavy coats may damage coating so that it does not function properly. Test first with your paint system and application methods.
- Some types of solvents (e.g. Skydrol) may damage coating and make removal difficult.

SPRAY APPLICATION

- Surface to be coated should be dry.
- For best results, use airless spray equipment with stainless steel fluid pathways. Graco, Inc.'s applications lab has tested SPRAYWRAP RT with excellent results and recommends the following:
 - Graco 33:1 Xtreme Bulldog Heavy-Duty Cart Mount Package with Silver Plus Gun and Hose. GHD 621 through GHD625 Reverse Clean Tip.
 - Also tested: Graco 45:1 Xtreme Pump (1400 psi at the gun) with Model 510 applicator and GHD623 and GHD625 RAC tips.

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Note: While both combinations performed well, the 45:1 pump provides more pressure than is required to apply SPRAYWRAP RT. Therefore, the less expensive 33:1 pump would be the best choice for users without existing airless equipment of this type.

- For situations without compressed air availability, Graco's Contractor Division has an equivalent electric power option: Ultra Max airless paint sprayer P/N-245031, RAC V .623 tip P/N 286623 and 55 gallon suction tube kit P/N-208259.
 - Contact Graco's Contractor Division at 800.690.2894 or www.graco.com for more information.
 - The above information may also be used to help determine if your current airless equipment is suited to applying SPRAYWRAP RT.
- Determine surfaces to be coated. Use masking material to protect adjoining surfaces from overspray. **In order to peel SPRAYWRAP RT, it must be a continuous film.** Overspray will not peel off. If overspray exists, remove it as soon as possible using a wet towel or sponge. Dry overspray can be removed with alcohol.
 - Mask off areas, such as deep joint seams and channels, that may create a mechanical keyway into which the coating will lock.
 - Test coat, dry, and peel on surface to be protected before gross application. Some plastics and varnish have proven to have inconsistent peel characteristics.
 - Apply a wet, continuous coat approximately 10 to 20 mils (250 to 500 microns) thick. Dry thickness will be approximately half of the thickness when wet. A minimum of 5 mils (125 microns) dry thickness is recommended. For additional protection, may be re-coated after the previous coat has dried. Coating should be tested to determine the best film thickness for your application.
 - Masking tape should be "wet pulled" to avoid peeling the coating when dry.

DRYING, REMOVAL, AND CLEAN-UP

- Allow SPRAYWRAP RT to dry completely. Use of heat and/or air movement can significantly reduce dry times.
- To remove, lift an edge and peel off. SPRAYWRAP RT should be peeled with temperature between 40° F (5° C) and 90° F (32° C), **with best results between 65° F (18° C) and 75° F (24° C)**. At cooler temperatures, coating may not peel in one piece. At higher temperatures, coating may exhibit higher adhesion.

Note: In addition to temperature, other factors will affect the peelability of SPRAYWRAP RT. Users should perform their own tests to determine the actual use characteristics of the coating in their unique operating environment.

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- Dry overspray can be removed with alcohol.
- **Clean equipment immediately and thoroughly with water.**

TIPS

- Dip spray nozzles in water to prevent tip from skinning over between uses.
- Strain product while pouring into spray equipment. Due to its fast-dry nature, coating can skin a slight amount in storage.
- A masking tape pull tab may be installed under the coating to make removal easier.
- Clean rollers immediately after use. SPRAYWRAP RT dries fast and has no liquefying solvent once dry.

PERSONAL PROTECTION

Particulate mask recommended for spray application. Avoid contact with skin and eyes. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

IMPORTANT NOTICE TO PURCHASER:

The information in this document is based on tests that we believe are reliable. Your results may vary due to differences in test types and conditions. You must evaluate and determine whether the product is suitable for your intended application. Since conditions of product use are outside of our control and vary widely, the following is made in lieu of all express and implied warranties (including the implied warranties of merchantability and fitness for a particular purpose): **Except where prohibited by law, Cal-West Specialty Coatings, Inc.'s only obligation and your only remedy, is replacement or, at Cal-West Specialty Coatings, Inc.'s option, refund of the original purchase price of product that is shown to have been defective when you received it. In no case will Cal-West Specialty Coatings, Inc. be liable for any direct, indirect, special, incidental, or consequential damages (including, without limitation, lost profits, goodwill, and business opportunity) based on breach of warranty, condition or contract, negligence, strict tort, or any other legal or equitable theory.**