



# NOCK-OFF

## TECHNICAL DATA & APPLICATION INSTRUCTION

### PRODUCT DESCRIPTION

**Nock-Off** is a roll-on paint remover that is biodegradable, very user-friendly, and environmentally safe. It is highly effective in removing even the toughest and most durable industrial coatings such as urethanes and epoxies from surfaces like metal, wood, masonry, brick and especially concrete. **Nock-Off** provides superior stripping capabilities to lift urethanes, alkyd paints, latex paints, lead based paints and varnish, as well as most two component epoxy coatings and fusion bonded epoxies from all types of substrates, including concrete, masonry, steel, aluminum, and metal alloys.

### BENEFITS/FEATURES

- Fully Biodegradable, and Non-Flammable Formulation.
- VOC Exempt product that contains no carcinogens, and does not deplete the ozone.
- This product's stripping capabilities can save money over high cost mechanical stripping methods.

### RECOMMENDED APPLICATIONS

**Nock-Off** is recommended for stripping urethanes, alkyd paints, latex paints, lead based paints and varnish, as well as most two component epoxy coatings and fusion bonded epoxies from all types of substrates, including concrete, masonry, steel, aluminum, and metal alloys.

### TECHNICAL INFORMATION

Solids.....	<20%	Wet Appearance.....	Light Beige
Drying Time.....	Refer to Directions	Dry Appearance.....	White
Re-Coat Time.....	Refer to Directions	VOC Content.....	65 g/l
Foot Traffic.....	Not Recommended	Blush Resistance.....	n/a
Wheel Traffic.....	Not Recommended	Solvent Resistance.....	n/a
Application Temp.....	50°F - 90°F	Concrete Adhesion.....	n/a

\*\*Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

### SPECIFICATIONS/COMPLIANCES

**Nock-Off** is VOC and OTC compliant in all areas of the United States and many foreign nations.

### APPROXIMATE COVERAGE RATES

<b>Application Surface</b>	<b>First Coat</b>	<b>Optional Second Coat</b>
All Recommended Surfaces	50-100 ft <sup>2</sup>	50-100 ft <sup>2</sup>

\*Coverage rates vary depending upon surface porosity and texture, and application method. Follow directions for best results.

### SHELF LIFE & PACKAGING

**Nock-Off** has a shelf life of up to two years in it's original, sealed, unopened container. **Nock-Off** is packaged and stocked in 1 gallon cans, 5 gallon pails, and 55 gallon drums.

### PRECAUTIONS AND LIMITATIONS

- **Nock-Off** will not freeze ,however, it is recommended to store in an area between 65 F and 85 F recommended.
- **Nock-Off** will not strip all coatings. Please test prior to the beginning of application.
- Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- **Nock-Off** was designed for interior and exterior surfaces.
- **Nock-Off** should never be thinned or diluted with any kind of chemical or liquid.

Always apply to a test area prior to full application. This will show the time required for approximate project completion, suitability of product for paint and substrate, and most effective method.

**Nock-Off** was designed for roll, spray, or brush application. Airless sprayers are recommended. Use only airless equipment with chemical resistance. A common medium size airless sprayer is capable of spraying this product. Equip the sprayer with a tip size of 0.02 inches or larger. (Examples: a 519 or a 425 tip). Other equipment should include brushes, rollers, scraper, masking tape, plastic sheet, high gpm and psi pressure washer, electric drill with mixer, empty pails for clean-up, running water, rags. Rollers are recommended for horizontal application only.

Cover and protect areas where stripping is not desired, including adjoining surfaces where over spray may travel. Plastic sheets has shown to be an effective barrier. If using masking tape, apply two layers of tape and remove the top layer immediately after application as the remover may soak through the tape, damaging paint beneath it. Plant life should be covered or washed thoroughly with water before and during application so as to not damage it. It is not recommended to shake to mix. Using a drill mixer, mix **Nock-Off** until all product is uniform in color and of a creamy consistency. (approximately 45 seconds per gallon)

Remove all filters from the pump, sprayer and gun. Priming the pump and running stripper through the hose and gun until all previous liquids/solids are rinsed is recommended.

Apply a thick, even layer of stripper onto the coating to be removed. An airless sprayer has shown to be the best means for application. Always start the sprayer pump at the lowest pressure setting, and slowly build up the pressure until the proper fan pattern has been generated. High pressure and narrow tip sizes will break the stripper's emulsion and affect it's integrity. **Nock-Off** must be applied at approximately 2 times the thickness of the coating being removed. When trying to build very thick films, or when trying to apply the stripper on a glossy or greasy vertical surface, it is recommended to apply the stripper via two separate applications. First apply a light coat of approximately 12-15 mils, thick enough to hide the surface color of coating and allow it to dwell for 15 to 30 minutes and then build the rest of the stripper film thickness in a second application. Agitating **Nock-Off** will only slow down it's properties. If using a brush to agitate, make sure the underlying surface is completely covered with **Nock-Off**.

When there are multiple layers of existing material, it may be possible that there is inadequate inter coat adhesion between some layers. Premature de-lamination may occur at this inter face. If this happens, quickly remove the de-laminated layers and reapply the stripper. Do not rinse with water between applications. Do not allow the stripper to dry out. The stripper is designed to remain wet and effective over extended periods of time (up to 24-48 hours), however, excessive sunshine, windy conditions, or insufficient stripper thickness may cause early drying. If the stripper starts to dry, re-apply a light coat and allow an extended time frame for project completion.

The time required for adequate penetration tends to vary according to the type, the thickness, and the temperature of the coating. Most paint systems require between 2 to 36 hours. **Nock-Off** can be left overnight, but **DO NOT ALLOW IT TO DRY OUT**. It is recommended to cover **Nock-Off** with poly sheeting to reduce the drying time and to allow adequate coating penetration.

Removal of lifted paint can be completed by scraper, squeegee, wet/dry vacuum suction system or by high pressure (above 3000 psi) power wash. Be aware that when using a high gpm and psi pressure washer, damage can be done to very porous surfaces. Pressure wash from the bottom up on vertical surfaces to prevent rinse water from deactivating stripper in sections below. The stripped surface must be rinsed with water to remove all chemical residue before repainting. A degreaser is recommended to remove any film left behind by the **Nock-Off**. Collect lifted paint and dispose of in accordance with local and federal government regulations. Do not collect and/or store removed paint and stripper waste residue in metal containers. Clean up spray equipment by running water through the equipment soon after the spraying has been completed.

## CLEAN-UP

Use warm soap and water. Dispose of containers in accordance with local and federal regulations.

## SPECIAL NOTES

Please consult Material Safety Data Sheet (MSDS) and read warranty information prior to use.

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