

NOCK-OFF™

biodegradable, commercial grade coating stripper

CLEANERS



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.



Specifications / Compliances

- Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

Key Features & Typical Benefits

- Highly effective on many coatings, including industrial grade products.
- This product's stripping capabilities can save money over high cost mechanical stripping methods.
- This product is non-flammable and fully biodegradable.
- VOC Compliant product that contains no carcinogens, and does not deplete the ozone.
- Contains 0 g/L VOC content making this product legal for sale to all regions of the US and Canada.

Recommended Applications

- Effectively removes coatings such as...
- Urethanes
 - Alkyd Paints
 - Latex Paints
 - Lead Based Paints
 - Varnish
 - As well as most two component epoxy coatings and fusion bonded epoxies from all types of substrates

Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	N/A
Dry Time - Tack Free	Refer to Directions
Dry Time - Foot Traffic	Refer to Directions
Dry Time - Heavy Traffic	Refer to Directions
Re-Coat Time Window	Refer to Directions
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	0 grams/Liter
Appearance - Wet	Transparent Light Beige
Appearance - Dry	Refer to Directions

Testing in accordance with procedures outlined in EPA Method 24, "Volatile Organic Content VOC of Paints and Related Coatings". The solids content was determined in accordance with ASTM D 5095 and the VOC was calculated in accordance with ASTM D 3960.

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Application Instructions

SURFACE PREP: 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 have 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.

MIXING: Stir well before using. Material may separate during long term storage.

COVERAGE RATE: *First Coat* : 50 - 100 ft² per gallon* *Optional Second Coat* : 50 - 100 ft² per gallon*
*Coverage rates vary depending upon coating build-up, surface porosity and texture, and application method. Excessive build up should be avoided.

APPLICATION: 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 its 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. Scrubbing the Nock Off with stiff bristle brush on rough surfaces prior to washing off may increase penetration of stripper. 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 delamination may occur at this inter face. If this happens, quickly remove the delaminated 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. Use plastic sheeting to cover stripper to minimize evaporation. 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. Scrubbing the Nock Off with stiff bristle brush on rough surfaces prior to washing off may increase penetration of stripper. A scraper works well on smooth surfaces before applying water. If residue still exist on surface after scraping reapply Nock Off allow reasonable dwell time and repeat scraping procedure. Pressure wash into the area to be stripped so residue does not collect on washed areas. 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. 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.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc.

Precautions and Limitations

- This product will not freeze during storage, however, allow temperature to rise to 50°F prior to application.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- This product will not strip all coatings. Please test prior to the beginning of application.
- This product may affect the surface of many new and existing concrete slabs. Test prior to use.
- This product is harmful if swallowed. Abide by recommended safety guidelines.
- This product should never be thinned or diluted with any kind of chemical or liquid.

CLEAN-UP: Use soap and warm water. Dispose of containers in accordance with local, state and federal regulations.

PRODUCT REMOVAL: Refer to directions.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container stored at room temperature.

PACKAGING: Available in 1 gallon, 5 gallon and 55 gallon containers.

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.