

Nutech EcoSafe Range®

Nutech Paint
Application Instructions & Guidelines
Nutech EcoSafe Range



Nu-EcoSafe-Strip Architectural Paint Stripper

Nu-EcoSafe-Strip is a water-based paint remover that is biodegradable, user-friendly and environmentally safe with practically no odour.

FEATURES

- Water-based
- Fully biodegradable
- Non-flammable
- Contains no TAPs or HAPs (Toxic / Hazardous Air Pollutants)
- Non-carcinogenic
- Easy clean up with running water
- Low VOCs
- Non-ozone-depleting
- Not regulated by authorities for transportation / storage
- Not regulated by authorities for worker health and safety
- Low odour
- Will not burn skin

Cost effective because:

- Requires much less chemical to achieve desired results
- Reduces man-hours and effort required to complete a project
- Reduces cost of waste disposal
- Reduces down time since other work at site can continue while stripper does its job
- Lowers insurance costs for storage
- hazards

Typical Properties

Appearance:	White	Viscosity (cPs):	20,000 – 30,000
Specific Gravity:	1.00	Shelf Life:	24 months
Boiling Point:	100°	Coverage:	1 to 2.2 sq.m/L
Freezing Point:	0°	(theoretical)	
pH (direct reading):	11.14	Worker Health and Safety:	See MSDS
VOC content:	75.5 g/L		
Flash point:	212F		

Packaging	Sizes Available
4 Per Carton	1 L Jar
4 Per Carton	4 L Pail
Each	10 L Pail
Each	20 L Pail

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Typical projects include:

- **Nu- EcoSafe -Strip** has effectively proven to lift thin film urethanes, lacquers, latexes, alkyd paints, and elastomeric from many types of substrates, including vinyl floor coverings and other types of flooring.
- **Nu-EcoSafe-Strip** has virtually no odour, making it ideal for indoor paint removal projects.

Typical projects include:

- Interiors of buildings and homes
- General paint removal
- D.I.Y. markets for paint removal
- Safe on vinyl composite tile (VCT)
- Hospitals
- Institutional flooring
- Coating and sealant stripping

APPLICATIONS & FEATURES

Equipment & Tools: This product is engineered for spray or brush application. Airless sprayers are recommended.

Use only equipment with chemical resistant components. A typical medium size airless sprayer is capable of spraying this product. Equip the sprayer with a tip size of 0.019 inches or larger. (Example: a 519 or 425 tip). Other equipment: brushes, short nap rollers, scraper, masking tape, polyethylene sheet, pressure washer, electric drill with mixer, empty pails for clean-up, running water, and rags.

Preparation:

- (a) Masking:** Cover / protect areas where the paint is to be left on. This includes adjoining surfaces where over spray may travel. Polyethylene sheets make a very 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 under it. Plants should be covered or washed thoroughly with water before and during application.
- (b) Mixing: Never shake Nu-EcoSafe-Strip!** Shaking will cause product to separate. Using a drill mixer, mix product until it is uniform in colour and is creamy in consistency. (About 1 minute per 4 litre).

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(c) Equipment: Remove all filters from the pump, sprayer and gun. Prime the pump and run stripper through the hose and gun until all previous water / solvent / paint residue

Test Patch: Conduct a small test patch in an inconspicuous area to ensure product performance. This will indicate the time required for project completion, suitability of product for paint and substrate, and most effective removal method.

APPLICATION GUIDELINES

Application Procedure: Apply a thick, even layer of stripper onto the coating being removed. An airless sprayer is the most effective means for application. Always start the sprayer pump at the lowest pressure setting and slowly build up the pressure until an adequate fan pattern has been generated. High pressure and narrow tip sizes will break the stripper's emulsion and will destroy its effectiveness. The stripper must be applied 1.5 to 2 times the thickness of the coating being removed, i.e 20 mils of coating requires 28 to 40 mils of stripper to be removed effectively. When trying to build up films thicker than 30 mils (600 microns), or when trying to apply the stripper on a glossy or greasy vertical surface, it is advisable to build the stripper film in two separate applications. First apply a light coat of approximately 15 mils (300 microns), thick enough to hide the surface colour of coating and allow it to dwell for 5 to 30 minutes and then build the rest of the stripper film thickness in a second application. Once applied, leave the stripper alone, as agitation slows down penetration. If using a brush, make sure the underlying surface is completely covered with **Nu- EcoSafe -Strip**.

First Applications: For removal of thin film urethanes **Nu- EcoSafe-Strip** can be applied with a mop, roller or a squeegee. Dwell time is between 30 to 60 minutes. Janitorial floor machines can be used for agitation and removal of coating and stripper residue. A generous water rinse will complete the removal process.

Re-Application: If poor adhesion exists between paint layers, the remover may lift the coating between weak layers. If this happens, remove the lifted layers with a dry scraper and re-apply **Nu-EcoSafe-Strip**. Do not rinse with water between applications. While the removal process is taking place, do not allow the stripper to dry on the surface. If it starts to dry, reapply the stripper.

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Dwell Time: The time required for penetration varies according to the type of paint, the thickness of the paint, and the temperature. Most paint systems require between 1 to 24 hours. **Nu-EcoSafe-Strip** can be left overnight, but do not allow it to dry out. If you are trying to remove wax, the process should not take longer than 30 minutes to 1 hour.

Coverage: Approximately 1 to 2.2sq.m./L depending on the type of paint and thickness of the coating(s) to be removed

Optimum Temperature: Above 13°C if working in cooler temperatures expect a longer dwell time. Keep from freezing.

Removal & Clean Up: Removal of residue can be completed by scraper, squeegee, mop, wet/dry vacuum system or by high pressure washer. Be careful if using a high pressure washer on porous surfaces as it may damage the surface. A floor cleaning machine can also be used by going back and forth over the floor with the buffer function and then using the vacuum function to suck up the residue. For wood projects, remove lifted paint with a scraper first, then lightly rub with an abrasive nylon open web hand pad (i.e. Scotch- Brite™) to remove remaining paint from the wood grain. Collect lifted paint and place it in plastic containers, Add Un-ecosafe-strip Ecozorb to absorb the remaining liquids and dispose of in accordance with local government regulations.

SAFETY PRECAUTIONS: Proper safety procedures should be followed at all times while handling the product. Refer to the Safety Data Sheet for important health and safety information before use.

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DISCLAIMER: Warranty and Limitation of liability:

Warranty

Nutech warrants its products to be free from defects in material and workmanship. Nutech's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at Nutech's option, to either replacement of products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the nonconforming products.

Any claim under this Warranty must be made by Buyer to Nutech in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify Nutech of such non-conformance as required herein shall bar Buyer from recovery under this Warranty. Nutech makes no other warranties concerning the product. No other warranties, whether express, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall Nutech be liable for consequential or incidental damages. Any recommendation or suggestion relating to the use of the products made by Nutech, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

Limitation of Liability

Nutech's liability on any claim of any kind, including claims based upon Nutech's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which gives rise to the claim. In no event shall Nutech be liable for consequential or incidental damages.

Important Note:

The information given on this data sheet is based on many years experience and is correct to the best of our knowledge. However since the use of our product, surface conditions, weather and a number of other factors are completely beyond our control, we can only be responsible for the quality of our product at the time of dispatch. For more information please contact our Company. As this information is of a general nature, we cannot assume any responsibility in individual cases.