



# Technical Data Sheet

## Nu-EcoSafe Strip High Performance

**Product Description** **Nu-EcoSafe Strip High Performance** is a user friendly, water-based, biodegradable, Ultra - High Strength paint and coating remover.

**Nu-EcoSafe Strip High Performance** has been developed specifically for the removal of the toughest of industrial coatings and linings from a range of metal, concrete and plastic substrates.

**Nu-EcoSafe Strip High Performance** is ideally used in applications where abrasive blasting is not practical and low odour paint removal is required.

**Nu-EcoSafe Strip High Performance Features:**

- Water-based
- Fully biodegradable
- Non-flammable
- Contains no TAPs or HAPs (Toxic / Hazardous Air Pollutants)
- Easy clean up
- Low VOC

**Safety**

**Precautions:**

Observe all Occupation Health and Safety (OH&S) precautions.

Refer to the relevant Safety Data Sheets (SDS) for product safety related information.

For further information and support: **Nutech Paint 03 9770 3000**

[www.nutechpaint.com.au](http://www.nutechpaint.com.au)

Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations

**Provisions:**

**Airless sprayer/ Pressure Washer:** Recommended for larger areas. Use only equipment with chemical resistant components.

**Other equipment:** brushes, short nap rollers, paint scraper, masking tape, polyethylene sheet, electric drill with mixer.

**For Clean Up:** empty pails, scourer pads, **Nu-Tech EcoZorb**, clean water.

**Chemical Type**

Water based paint stripper

**Product Attributes**

pH (direct reading): 3.5 – 4.5

Per Cent Volatiles (VOC): 43%

Solubility: In Water

Minimum Film Forming Temperature: N/A

**Typical Applications**

**Nu-EcoSafe Strip High Performance** will remove:

High performance industrial coatings such as polysiloxane, epoxy, polyurethane, FBE, elastomeric coatings, fluoropolymer, powder coat (all types), automotive grade enamels, lacquers and acrylic hybrid finishes.

**Appearance**

Green coloured liquid

**Coverage / Spread Rate**

**1 - 2m<sup>2</sup>/L** depending on the type and thickness of the coating to be removed



<b>Packaging</b>	500ml, 1L, 4L, 10L, 20L, 200L
<b>Storage</b>	Cool, dry location. Avoid contact with direct sunlight and heat
<b>Shelf life</b>	Stored 24 months @ 25°C
<b>Substrate Recommendations</b>	<b>Nu-EcoSafe Strip High Performance</b> is suitable for metals, timber, masonry, brick, concrete and other similar building and construction substrates, where effective low VOC paint removal is required.
<b>NOTE</b>	Whilst this product is low in VOC, Nutech Paint recommends adequate internal air ventilation during works.
<b>Mixing/ Thinning</b>	DO NOT SHAKE Some separation of the product can be expected. To ensure a homogeneous mix and effective performance, use a drill mixer and mix product until it is uniform in colour and consistency prior to use.
<b>Test Patch</b>	In accordance with the application procedure of this TDS, conduct a small test patch in an inconspicuous area to ensure adequate product performance, substrate porosity and provide an indication of the time required to complete project.
<b>Substrate note:</b>	All surfaces must be clean and in sound condition. Remove all oil, dirt, grease, flaking paint and contamination. <b><i>Improperly prepared surfaces may result in coating failure.</i></b>  Above 13°C if working in cooler temperatures expect a longer dwell time. Keep from freezing
<b>Application</b>	Brush Roller Airless Spray
<b>Procedure:</b>	To ensure effective paint removal, apply in conditions above 15°C. If working in cooler temperatures, allow a longer dwell time. Keep product from freezing.  <b>Masking:</b> Cover/ protect any areas that are not to be stripped, this includes adjoining surfaces and plants where overspray (where applicable) may travel. <ul style="list-style-type: none"><li>• Polyethylene sheets are a very effective barrier.</li><li>• Masking tape - Apply two layers of tape and remove the top layer immediately after application as the stripper may soak through the tape.</li></ul> <b>Brush/ Roller:</b> <ul style="list-style-type: none"><li>• Apply a thick, even layer of <b>Nu-EcoSafe Strip High Performance</b> onto the coating being removed and allow to activate.</li></ul> <b>Airless spray:</b> Is the most effective means for application for large areas. <ul style="list-style-type: none"><li>• DO NOT use high air pressure and/or small gun tips</li><li>• Remove all filters from the pump, sprayer and gun.</li><li>• Prime the pump and run stripper through the hose and gun until all previous water / solvent / paint residue has been cleaned out.</li></ul> Always start the sprayer pump at the lowest pressure setting and slowly build up the pressure until an adequate fan pattern has been generated to minimise overspray. <ul style="list-style-type: none"><li>• Allow to activate</li></ul>



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**Vertical surfaces:** Re-apply **Nu-EcoSafe Strip High Performance** after approximately 5 – 30 minutes to build up the level of stripper and allow to activate.

- Repeat this process as required applying extra **Nu-EcoSafe Strip High Performance** to stubborn sections where needed – Allow for activation (Approximately 30 minutes to 1 hour).
- DO NOT rinse between applications
- DO NOT allow Nu-EcoSafe Strip High Performance to dry out

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<b>Activation Time</b>	The time required for penetration varies according to ambient conditions and the type and thickness of paint to be removed. Allow 2 to 36 hours checking every 4 hours where practical.
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<b>Recoat</b>	As required
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<b>Clean Up</b>	Protecting Our Environment is important to Nutech Paints: <ul style="list-style-type: none"><li>• Begin removal when coating system can be easily scraped off.</li><li>• Scrape the softened coatings onto polyethylene sheets and remove from work area.</li><li>• Collect all lifted paint and sheeting and dispose of in accordance with local government regulations.</li><li>• In accordance with the relevant TDS, apply <b>Nu-EcoSafe EcoZorb</b> to any work areas that require liquid removal and dispose in accordance with local government regulations.</li><li>• Clean up brush/ spray equipment with running water. Spray equipment should be cleaned as soon as practical after application.</li><li>• Once the components are completely stripped, a final rinse with fresh water and a scourer pad is required.</li><li>• Wipe down the substrate with a clean rag and allow the substrate to thoroughly dry prior to repainting.</li></ul>
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Clean up with fresh water or dispose of equipment. Do not pour leftover stripper down drains or in rubbish bins. Unwanted stripper should be kept in a sealed plastic container and then disposed of via specialised waste collection services.

Empty paint containers should be left open in a well ventilated area to dry out. Dispose of empty paint containers in accordance with local authority's guidelines. Always check with your local council first.



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**First Aid**

**SEEK IMMEDIATE MEDICAL ATTENTION.** Refer to the appropriate **Nutech Material Safety Data Sheet** (MSDS) for further information.  
For medical emergencies only, call: 000

- In case of eye contact, flush thoroughly with water for at least 15 minutes.
- In case of skin contact, wash affected areas with soap and water. If irritation persists.
- Remove and wash contaminated clothing.
- If inhalation causes physical discomfort, remove to fresh air.
- If discomfort persists, or any breathing difficulty occurs or if swallowed seek medical advice.

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**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.

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**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.

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**Disclaimer**

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.'

The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

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# Nutech

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