



Technical Data Sheet

EPiC Etch Primer

Product Description EPiC Etch Primer is an epoxy based, single pack primer which provides excellent protection to a wide range of ferrous and non ferrous metals.
EPiC Etch Primer is to be used as an undercoat to the range of Nutech EPiC products.

EPiC Etch Primer

Benefits:

- Excellent adhesion
- Excellent protection
- Fast Drying
- Same day recoat
- Easy applications

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

KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION.

- Vapours are heavier than air. Keep container closed.
- Use only with adequate ventilation.
- Avoid contact with eyes, skin and clothing.
- Wash thoroughly after handling.
- Avoid breathing vapours.
- DO NOT take internally.
- 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

Chemical Type: Epoxy primer

Product Attributes Per Cent Volatiles (VOC): 80%
Solubility: Solvent
Minimum Film Forming Temperature: 10°C
Minimum Dry Film Thickness: 15µm per coat

Typical Applications Protection to a range of metal surfaces for all applications

Appearance Dark grey coloured liquid

Coverage / Spread Rate 14m² per litre

Packaging 1L, 2L, 4L, 10L, 20L

Storage Cool, dry location. Avoid contact with direct sunlight and heat



Shelf Life	Stored 24 months @ 25°C
Substrate Recommendations:	EPiC Etch Primer is suitable for mild steel, blasted steel, aluminium, stainless steel galvanized iron and proprietary zinc coated steel such as zincalume, where corrosion protection is required.
NOTE	For Spraying Pressures and tip sizes, applicators should source this relevant information from their spray gun suppliers.
Mixing/ Thinning	Prior to Commencement: Stir thoroughly prior to use. Brush, Roller 0 - 5% Spray 10% - 15% EPiC PolyCryl Thinners
Test Patch	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.
Substrate note:	All surfaces must be clean and in sound condition. Remove all oil, dirt, grease, flaking paint, mill scale and contamination. <i>Improperly prepared surfaces may result in coating failure.</i>
Application	Brush Roller Airless Spray

Procedure: *Do not apply in temperatures under 12 Degrees Celsius or late in the day and allow for adequate drying time. In cold weather do not overcoat until the first coat is fully dried. Avoid painting in high temperatures to avoid gloss damage and ensure surface adhesion and coating durability.*

Pre-painted surfaces: Should be tested for compatibility and adhesion prior to over coating.

Mild, Rusted and Weathered Steel:

Abrasive Blast: Where practical, steel surfaces exhibiting rust and mill scale should be abrasive blasted to SA Class 2½.

OR

Mechanical Abrasion: Remove rust, dirt and scale with a mechanical wire wheel or finishing disc - minimum P80 Grit.

Treat remaining corrosion with **Nu-EcoSafe Rust** converter and inhibitor following the appropriate TDS guidelines, before applying **EPiC Etch Primer**.

Once prepared, all parts are to be contaminant free and handled with clean lint free gloves prior to the application of **EPiC Etch Primer**. It is recommended that all prepared components are primed within 4-6 hours



Stainless Steel:

Abrasive “sweep” or “whip” Blast only.

OR

Mechanical abrasion:

Min. P80 Grit either by hand or mechanical sander

Stainless Steel (continued):

Once prepared, all parts are to be contaminant free and handled with clean lint free gloves prior to the application of **EPiC Etch Primer**. It is recommended that all prepared components are primed within 4-6 hours

Aluminium:

Ensure all aluminium components are free from oxidation

Abrasive “Sweep” or “Whip” Blast only.

OR

Mechanical Abrasion:

Min. P80 Grit either by hand or mechanical sander.

Once prepared, all parts are to be contaminant free and handled with clean lint free gloves prior to the application of **EPiC Etch Primer**. It is recommended that all prepared components are primed within 4-6 hours

Galvanized Iron and Zincalume

Ensure all components are free from “white corrosion.”

Abrasive “sweep” or “whip” Blast only.

OR

Mechanical abrasion:

Min. P80 Grit either by hand or mechanical sander

Once prepared, all parts are to be contaminant free and handled with clean lint free gloves prior to the application of **EPiC Etch Primer**. It is recommended that all prepared components are primed within 4-6 hours

Top coat as recommended in the relevant Nutech top coat Technical Data Sheet.

Drying Time	Ambient conditions @ 25°C and 50% relative humidity. Touch Dry 20 Minutes.
Recoat	Within 4 hours at cooler temperatures or higher humidity drying times will be extended.
Hard Cure	7 Days
Clean Up	Protecting Our Environment is important to Nutech Paints: Clean up with EPiC PolyCryl Thinners or dispose of equipment. Do not pour left over paint down drains or in rubbish bins. Unwanted paint should be kept in a sealed container and then disposed of via special 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 guidelines. Always check with your local council first.



First Aid

SEEK IMMEDIATE MEDICAL ATTENTION. Refer to 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.

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

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.'

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.

Nutech

Nutech Paint
PTY LTD

☎03 9770 3000

✉sales@nutech.com.au

www.nutechpaint.com.au