



Technical Data Sheet PART A & PART B

EPiC Epoxy100 PART A

Product Description EPiC Epoxy 100 is a 100% solids, solvent-free 2 pack epoxy resin system which provides excellent protection to concrete floors. It is supplied in clear solution and can be mixed with clean dry silica sand as a high build, self-levelling flooring and coving compound. If desired, colour can be incorporated into the mix. EPiC Epoxy 100 is suitable for INTERIOR use only and may be top-coated to protect from UV exposure. EPiC Epoxy100 provides excellent chemical protection against a range of corrosives including fats, oils, fuels, alkali, salt solutions and is recommended for food preparation areas where total moisture and vapour impervious floor barriers are required.

EPiC Epoxy100

- Features:**
- Excellent interior durability
 - Isocyanate free
 - High bond strength
 - Hard wearing
 - Outstanding chemical resistance
 - High resistance to abrasion
 - Easy application by trowel

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

Provisions ***Do not apply to surface temperatures below 10°C or above 30°C. Observe drying and recoat times outlined in this TDS.***
In cold weather do not overcoat until the first coat is fully dried.

Chemical Type Crosslinked epoxy

Product Attributes Per Cent Volatiles (VOC): 0%
Solubility: Solvent
Minimum Film Forming Temperature: 10°C.
Minimum Dry Film Thickness: 110µm per coat



Typical Applications	Interior applications for Domestic & Multi Density Residential, Industrial, Hospitals, Hotels, Auto repair & Commercial projects.
Appearance	Clear viscous liquid
Coverage / Spread Rate	2-3 m²/Litre Trowel – minimum thickness 220µm Brush or Roller: 2 Coats 220 microns wet film thickness Spray: 2 – 3 coats or minimum of 220 microns wet film thickness
Packaging	1 litre kit, 4 litre kit, 20 litre kit
Storage	Cool, dry location. Avoid contact with direct sunlight and heat
Shelf life	24 months @ 25°C
Substrates:	Concrete
Mixing/ Thinning	Part A: 3 Parts Part B: 2 Part DO NOT aerate the mixture as this will shorten pot life Self-levelling Coating & Coving Compound Trowelable self-levelling compound: 2 parts clean dry fine silica sand to 1 part EPiC Epoxy 100. Mouldable coving compound: Add additional silica sand as desired.
Pot Life (when mixed)	30 Mins. DO NOT use after pot life has expired. To enable a more workable & malleable product, remove mixture from drum as soon as possible once mixed.
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 and contamination. Fill cracks and holes in the surface as required. <i>Improperly prepared surfaces may result in coating failure.</i>
Application	Trowel Brush or Roller: 2 Coats 220 microns wet film thickness Spray: 2 – 3 coats or minimum of 220 microns wet film thickness.
Procedure	Existing epoxy coated surfaces: <ul style="list-style-type: none">• Abrading or sanding existing epoxy sealed surfaces is recommended.• Surfaces should be sanded adequately to ensure that no glossy surfaces remain. New concrete surfaces: <ul style="list-style-type: none">• Must have a <i>PH level less than 10 and had a minimum 28 days to cure.</i>



New and old concrete surfaces:

- Must be etched using 1 Part **Nu-EcoSafe Concrete Etch** to 10 Parts Water.
- High Pressure Water Blast area (>2500psi) and allow to completely dry.
- Painted concrete in poor condition should be stripped using our **Nu-Ecosafe** range of paint strippers and **Nu-EcoSafe Concrete Etch** before application.

Application:

2 coats are recommended. Observe drying times and recoat times outlined in this TDS Product can be recoated as soon as it is touch dry.

Drying Time **Note:** Drying times are based on ambient conditions @ 25°C and 50% relative humidity. Times may vary in cooler conditions or in high humidity

Touch Dry: **2 hours**

Recoat: **4 hours** but within 24 Hours
NOTE: If recoating after 7 days, the surface must be abraded

Hard Cure: **7 Days**

Clean Up Protecting Our Environment is important to Nutech Paints:
Clean up with **EPiC Epoxy500 Thinners** or dispose of equipment. Do not pour leftover 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's guidelines. Always check with your local council first.

First Aid **SEEK IMMEDIATE MEDICAL ATTENTION.** Refer to the appropriate **Nutech Safety Data Sheet** (SDS) 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.



Nutech Paint
For a perfect finish!

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.

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.

Nutech

Nutech Paint
PTY LTD

☎ 03 9770 3000

✉ sales@nutech.com.au

www.nutechpaint.com.au



Technical Data Sheet PART A & PART B

EPiC Epoxy100 PART B

Product Description EPiC Epoxy100 Part B is to be blended in kit form with EPiC Epoxy100 Part A. For mixing ratio recommendations please refer to the EPiC Epoxy100 Part A Technical Data Sheet.

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

Provisions: EPiC Epoxy100 Hardener may be irritating to the skin. Suitable safety precautions must be taken during handling and application.

Chemical Type: Solvent based Epoxy Crosslinker

Product Attributes Per Cent Volatiles (VOC): 0%
Solubility: Solvent
Minimum Film Forming Temperature: 5°C

Typical Applications Crosslinker for **PART A only**

Appearance Clear viscous liquid

Packaging 250ml, 1 litre 15litre

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

Shelf life Stored 12 months @ 25°C



Substrate

Recommendations: N/A - REFER PART A TDS

Note N/A

Mixing/ **Part A:** 3 Parts

Thinning **Part B:** 1 Part

After drill mixing leave to stand for 10 minutes before using to allow full activation.

Maximum Thinner dilution: REFER PART A TDS.

DO NOT store mixed product in spray equipment to avoid damage.

Application N/A - REFER **PART A** TDS

Procedure: N/A -REFER **PART A** TDS

Drying Time N/A - REFER **PART A** TDS

Recoat N/A - REFER **PART A** TDS

Clean Up Protecting Our Environment is important to Nutech Paints:
Clean up with **EPiC Epoxy500** Thinners or dispose of equipment. Do not pour leftover 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's guidelines. Always check with your local council first.

First Aid **SEEK IMMEDIATE MEDICAL ATTENTION.** Refer to the appropriate ***Nutech Safety Data Sheet***

(SDS) 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.



Nutech Paint
For a perfect finish!

Warranty	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
Limitation of Liability	<p>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.</p>
Disclaimer	<p>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.'</p> <p>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.</p>

Nutech

**Nutech Paint
PTY LTD**

☎03 9770 3000

✉sales@nutech.com.au

www.nutechpaint.com.au