

# Technical Data Sheet Part A & Part B

## EPiC PolyCryl PART A

**Product Description** EPiC PolyCryl is a high strength, solvent based, functional acrylic 2 pack coating which provides excellent protection to concrete, timber, masonry and primed metal surfaces.

EPiC PolyCryl has been developed to provide excellent EXTERIOR and INTERIOR durability with functional benefits of hardness, abrasion and scuff resistance for a wide variety of applications.

EPiC PolyCryl provides superior protection against petrol, oil, fatty oils, acid, alkali and is ideally suited as a sacrificial anti-graffiti finish.

- EPiC PolyCryl Features:**
- Excellent interior and exterior durability
  - Isocyanate free
  - Hard wearing
  - Excellent adhesion & hardness
  - High resistance to corrosion and abrasion
  - Impervious to water and moisture
  - Easy application

**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)

**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:**

**Chemical Type:** Solvent based Functional Acrylic

**Product Attributes** Per Cent Volatiles (VOC): 53 - 58%

Solubility: Solvent

Minimum film forming temperature: 10°C

Minimum dry film Thickness: 60µm per coat

Minimum wet film thickness: 130µm

**Typical**

**Applications**

Typical projects include:

Exterior and interior applications for Domestic & Multi Density Residential, Industrial, Hospitals and Commercial projects

<b>Appearance</b>	White or colour tinted viscous liquid
<b>Coverage / Spread Rate</b>	8 - 10 m <sup>2</sup> per litre / coat Brush / Roller: 2 Coats Spray: 2 - 3 coats or minimum of 130µm wet film thickness.
<b>Packaging</b>	4 litre kit, kit 20 litre kit
<b>Storage</b>	Cool, dry location. Avoid contact with direct sunlight and heat
<b>Shelf life</b>	Un-mixed, stored 24 months @ 25°C
<b>Substrate Recommendations:</b>	<b>EPiC PolyCryl</b> is suitable for a wide range of substrates such as concrete, timber, masonry, brick and metal.
<b>NOTE</b>	For greater slip resistance, <b>EPiC AntiSlip – Coarse or Fine</b> can be broadcast on the wet freshly applied surface of the first coat and encapsulated with a subsequent coat of <b>EPiC PolyCryl</b> . Testing is recommended before proceeding to ensure that a potential slip hazard is avoided. Refer to your Nutech specialist for alternative recommendations on steep, smooth surfaces.
<b>Mixing/ Thinning</b>	<b>Prior to Commencement:</b> Stir thoroughly prior to use. <b>Part A:</b> 3 Parts <b>Part B:</b> 1 Part After drill mixing leave to stand for 10 minutes before using to allow full activation. <b>Thinning: Nutech X-5 Solvent</b> <b>Maximum Thinner dilution;</b> <b>Brush/Roller 1st Coat:</b> Bare concrete and masonry surfaces thin 20% - 25% for excellent penetration and adhesion. <b>Brush/Roller 2nd Coat:</b> Nil <b>Spray:</b> 10% - 15%  <i><b>Note:</b> Stirring by hand with a stirring stick is inadequate to provide a homogeneous mix.</i> <i><b>DO NOT store mixed product in spray equipment to avoid damage.</b></i>
<b>Pot Life (when mixed)</b>	<b>8 hours.</b> DO NOT use after pot life has expired.
<b>Test Patch</b>	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. Fill cracks and holes in the surface as required. <i><b>Improperly prepared surfaces may result in coating failure.</b></i>

<b>Application</b>	Brush, Roller or Airless Spray
<b>Procedure:</b>	<p><b><i>Do not apply to surface temperatures below 10 Deg. C or Above 30 Deg. C and allow for adequate drying time.</i></b></p> <p><b><i>In cold weather do not overcoat until the first coat is fully dried.</i></b></p> <p><b>Pre-painted surfaces:</b> should be tested for compatibility and adhesion prior to over coating. <b>See Nutech Coating Test Kit Fact Sheet</b></p> <p><b>Rusted and weathered steel:</b></p> <p>Must be power wire brushed to remove rust, dirt and scale then treated with <b>Nu-EcoSafe Rust</b>, rust converter and inhibitor before applying <b>EPiC Etch Primer</b>.</p> <p><b>New Concrete Surfaces:</b></p> <ul style="list-style-type: none"> <li>• Must have a pH level less than 10 and a minimum 28 days cure</li> </ul> <p><b>New and old concrete surfaces:</b></p> <ul style="list-style-type: none"> <li>• Must be etched using 1 Part <b>Nu-EcoSafe Concrete Etch</b> to 10 Parts Water.</li> <li>• High Pressure Water Blast area (&gt;2500Psi) and allow to completely dry. Painted concrete in poor condition should be stripped using our <b>Nu-EcoSafe</b> range of paint strippers and <b>Nu-EcoSafe Concrete Etch</b> before application.</li> </ul> <p><b>Number of Coats:</b></p> <p>Brush or Roller: - 2 Coats – observe recoat and cure time</p> <p>Spray: 2 – 3 coats (where applicable)</p> <p>1st Coat: Light mist coat – observe recoat time</p> <p>2nd Coat: apply to a minimum wet film 130µm – observe recoat and cure</p>
<b>Drying Time</b>	
<b>Touch Dry</b>	2 - 4 hours @ 25°C.
<b>Recoat</b>	<p>After 4 hours but within 12 hours @ 25°C.</p> <p><b>NOTE:</b> If recoating after 7 days, the surface must be abraded 7 days</p>
<b>Hard Cure</b>	
<b>Clean Up</b>	<p>Protecting Our Environment is important to Nutech Paints:</p> <p>Clean up with <b>Nutech X-5 Solvent</b> 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.</p> <p>Empty paint containers should be left open in a well ventilated area to dry out.</p> <p>Dispose of empty paint containers in accordance with local authority’s guidelines.</p> <p>Always check with your local council first.</p>

---

**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
- 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

---

**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.

---

# Technical Data Sheet PART A & PART B

## EPiC PolyCryl PART B

**Product Description** EPiC PolyCryl Part B is to be blended in kit form with EPiC PolyCryl Part A. For mixing ratio recommendations please refer to the EPiC PolyCryl 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](http://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:**

**Chemical Type:** Solvent based Crosslinker

**Product Attributes** Per Cent Volatiles (VOC): 59%  
 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/  
Thinning**      **Part A:** 3 Parts  
**Part B:** 1 Part  
 After drill mixing leave to stand for 10 minutes before using to allow full activation.  
**Thinning:** REFER PART A TDS  
**Maximum Thinner dilution:** REFER PART A TDS  
*Note: Stirring by hand with a stirring stick is inadequate to provide a homogeneous mix.  
 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 **Nutech X-5 Solvent** 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 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
- 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

---

---

**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 Paint Pty Ltd**

T +61 3 9770 3000

4 Keppler Circuit

Seaford VIC 3198

[nutech.com.au](http://nutech.com.au)

