

## PRODUCT DATA SHEET

**NORGLASS LABORATORIES PTY.LTD.**

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## SHIPSHAPE PRIMER-UNDERCOAT

**DESCRIPTION:** A densely pigmented, 2 pack epoxy coating with excellent filling and adhesive properties.  
Produces a paint film with very good abrasion, chemical and solvent resistance.

**USES:** As a primer and undercoat for timber, fibreglass, aluminum and concrete, as well as an undercoat over Norglass NORSHIELD ANTI-CORROSIVE PRIMER on steel surfaces, and all areas where Northane colours are to be applied.

### PROPERTIES (at 20°C)

**COLOURS:** White and Grey

**TOXICITY:** See Precautions

**FINISH:** Low to semi-gloss

**COVERAGE:** Up to 10 sqm per mixed litre (subject to porosity and texture)

**DRYING TIME:** Touch dry in 2 hours at 20°C

**RECOATING:** Spraying – wet on wet. Brush/roller – overnight

**POT LIFE:** 8 hours at 20°C

**MIXING RATIO:** 3 parts base to 1 part hardener by volume

**THINNING:** Spraying – 25% - 33½% Northane Spraying Thinners  
Brush/roller – up to 10% Norglass Epoxy Thinners

**WEIGHT/LITRE:** 1.51kg when mixed

**VOLUME SOLIDS:** 55%

<b>FLASH POINT:</b>	27°C (SOLVENT)
<b>CLEAN UP:</b>	Norglass Epoxy Thinner or Northane Spraying Thinners
<b>UN NUMBER:</b>	1263
<b>PREPARATION:</b>	For Wooden surfaces, ensure the surface is sanded, cleaned with Norclean Plus, and dry. For Aluminium and steel ensure surface is sanded and cleaned with Norclean Plus. New aluminium must be etched using Metal-Etch gel prior to coating (see aluminium guide). On weathered fibreglass surfaces pin holing can be a problem and you should refer to the Fibreglass information guide before applying product.
<b>APPLICATION:</b>	<p>Pour the <b>SHIPSHAPE HARDENER</b> into the <b>BASE</b> can (which will give the correct mixing ratio of 3:1) and stir thoroughly to blend both components. Allow to stand for 10 minutes so that the chemical induction process can begin. If spraying, add 25-33% of <b>NORTHANE SPRAYING THINNERS</b> to the mixed paint and apply at 50-70 PSI pressure. Allow the applied paint film 15-20 minutes to tack up and respray with another coat. Additional coats can be applied in the same manner on the same day.</p> <p>If <b>SHIPSHAPE</b> is to be applied by brush or roller, <b>thinning is not recommended</b>, but up to 10% of Norglass Epoxy Thinners can be added in hot weather. On broad areas, application by a 4-6mm Mohair or Microfibre roller will give the best results. It is important to understand that all primer and undercoats are designed to seal and/or fill the surface being coated and therefore, do not <b>self-level</b> like finish coats. The density and texture they provide will require sanding so the smoother the product is applied, the less sanding will be needed later.</p> <p><b>Note:</b> Because <b>SHIPSHAPE</b> is constructed with higher resin loadings than other paints, paint runs are more likely to occur if applied too heavily, so care should be taken. The higher the resin ratio, the better the adhesion which is the prime function of this product. Where a brush or roller is used, the coating <b>will require overnight curing and light sanding before another can be applied</b>. For a superfine finish the last coat of <b>SHIPSHAPE</b> should be sanded using 400 grit paper.</p> <p><b>Note:</b> The pot life of mixed <b>SHIPSHAPE</b> is six hours (at constant temp of 20 °C). Over coating <b>SHIPSHAPE</b> with other products must not be considered until 24 hrs have elapsed.</p>
<b>TRANSPORTATION:</b>	DG 3 HAZCHEM 3Y P.G.III Pack sizes available – 4litre, 2 litre, 1litre, 500ml
<b>PRECAUTIONS:</b>	This product is Polyamide cured and all precautions must be observed. Read labels carefully. The hardener is alkaline and should be treated with care as it can cause skin irritations. If spraying, provide adequate ventilation as the vapours may be harmful. Do not smoke during use and keep away from naked flame.
<b>FIRST AID:</b>	If poisoning occurs call a doctor or Poisons Information Centre (Aust) on 13 11 26 or

(NZ) 0800 764 766 and have label information ready.

If swallowed DO NOT induce vomiting. Give large quantities of water or milk. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and consult a doctor. Remove contact lenses if present and easy to do and continue rinsing. If skin contact causes irritation, remove contaminated clothing and wash skin thoroughly. If breathing difficulty arises remove to fresh air. Apply artificial respiration if not breathing.

#### **SPECIAL**

#### **INSTRUCTIONS:**

Avoid using this product below 10°C because curing will be affected.

Where only a portion of the hardener is used, reseal the container immediately, as the product deteriorates rapidly on exposure to air.

**NOTE:** If remaining contents are not used within 48 hours of opening, decant into a small clean container to reduce the air space and seal tightly.