

PRODUCT DATA SHEET

NORGLASS LABORATORIES PTY.LTD.

A.B.N. 92 001 807 245

P.O. Box 312, Neutral Bay. NSW 2089 Australia

59 Moxon Road, Punchbowl NSW

Ph: 61 2 9708 2200 Email: techinfo@norglass.com.au

Web: norglass.com.au



NORTHANE CLEAR (Gloss & Satin)

DESCRIPTION:	A 2 pack, food grade, non-yellowing, polyurethane with outstanding chemical and abrasion resistance. Excellent gloss retention.
USES:	Perfect for timber benchtops, furniture, boats, indoor timber flooring, bathroom & kitchen cabinetry, protection over other 2 pack products. A durable waterproof finish coat.
SIZES:	10litre, 4litre, 2litre, 1litre, 500ml
PROPERTIES (at 20°C)	
COLOUR:	Water clear when cured.
TOXICITY:	See Precautions and refer to Safety Data Sheet.
FINISH:	Exceptionally high gloss. Also available in satin.
COVERAGE:	10-12 m ² per mixed litre
DRYING TIME:	Touch dry 1 hour. Recoat after 24 hours. Hard dry after 48 hours
RECOATING:	Spraying: Refer to application section below. Brush/Roller: After 24 hours
POT LIFE:	8 hours when mixed. Higher temperatures will shorten this time.
MIXING RATIO:	2:1 by volume
THINNING:	Spraying: Northane Spraying Thinners 33% at 50-70 P.S.I or according to the pressure system used. Brushing: Northane Brushing Thinners up to 3%
WEIGHT/LITRE:	Gloss: 1.048kg when mixed. Satin: 1.087 when mixed.

VOLUME SOLIDS:	40%
FLASH POINT:	Base: 32°C (Solvent) Hardener: 38°C (Solvent)
CLEAN UP:	NORGLASS SPRAYING THINNERS or NORTHANE BRUSHING THINNERS.
U.N. NUMBER:	Base: 1263 Hardener: 1866
TRANSPORTATION:	DG Class: 3 HAZCHEM: 3Y P.G.III
PREPARATION:	Northane Clear Gloss should only be applied over sound surfaces, cracked varnishes should be removed completely. Recoating old Northane surfaces requires degreasing and a light sand to a flat finish before proceeding. Note: All surfaces to be finished in NORTHANE CLEAR should be thoroughly cleaned down to remove any traces of waxes, polishes and oils. Norclean-Plus should be used as the cleaner. Where silicone polish has been used consult NORGLASS TECHNICAL ADVISORY DEPT on (02) 9708 2200 for the best method of removal.
APPLICATION:	Mix two parts of Northane Clear base with 1 part Northane hardener by volume and allow to stand for 10 minutes. Add the appropriate thinner for brush or spray and strain into a pot or clean container. Leave for a further 10 minutes before use. Do not apply Northane after 11am in winter unless the surface is protected from dew by a roof or is applied inside. Do not apply at temperatures below 10°C or when relative humidity exceeds 75%. Note: NORTHANE does not normally require straining prior to use (unless containers have been opened and left exposed to a dusty environment). However most professional painters strain the paint as a matter of good practice, and is also our recommendation. Spraying: Add up to 33% of NORTHANE SPRAYING THINNERS at 50-70 P.S.I. on conventional spray units to the volume of mixed paint and re-stir. Pour into the spraying pot and apply using a 1.4 nozzle tip. HVLP and other spray equipment will require variations to the thinning ratio. If lower pressure systems are used consult the appropriate reference data on thinning, by the equipment suppliers. Northane may be sprayed using a wet on wet technique, of multiple coats per day. Allow 48 hours to cure before handling as the clear will mark with pressure. When completed, the surface should not be cut or buffed as the finish cannot match the original gloss level. Brush or roller: Do not thin unless used in hot conditions, then up to 3% NORTHANE BRUSHING THINNERS can be added to assist flow. Keep the can or paint tray in the shade in order to reduce solvent evaporation when using. If a thickening of the product occurs add more Brushing Thinners (sparingly) to improve flow. Allow 10 minutes for

the aeration to settle after mixing with the Hardener and then apply direct from the can or paint tray. Apply with a minimum of strokes. Use a 4-6mm Mohair or Microfibre roller and a quality synthetic brush. Mask up as if for spraying to reduce working time and cutting into edges and corners. A fine line masking tape is the preferred option to prevent paint creeping under the tape.

PRECAUTIONS:

Wear protective clothing and use personal protective equipment as required.
Keep away from heat, sparks, open flames or hot surfaces. No smoking.
Use only non-sparking tools.
Provide adequate ventilation during use. Do not breath in fumes or vapours.
Wash hands thoroughly after handling.
Store locked up, in a well-ventilated place. Keep cool.
Keep out of reach of children

**SPECIAL
INSTRUCTIONS:**

Do not use if you have ever had breathing difficulties after using paints containing ISOCYANATES (or with a head or chest cold).

Where Northane Clear is used on areas of constant immersion, 72 hours should elapse after the final coat before immersing.

Northane Clear is not recommended for areas exposed to direct sunlight.

FIRST AID:

If poisoning occurs call a doctor or Poisons Information Centre (Aust) on 131126 or (NZ) 0800 764 766 and have label information ready.
If in Eyes rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. If eye irritation persists get medical advice.
If on Skin wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation or rash occurs get medical advice/attention.
If Swallowed rinse mouth. DO NOT induce vomiting. If the victim is conscious give water or milk to drink to dilute the effect. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek immediate medical attention.
If Inhaled remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.