

PRODUCT DATA SHEET

NORGLASS LABORATORIES PTY.LTD.

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NORTHANE CLEAR GLOSS

DESCRIPTION: A 2 pack, food grade, non-yellowing, polyurethane with outstanding chemical and abrasion resistance. Water clear when cured.
Excellent gloss retention under extreme weather conditions.

USES: Perfect for timber benchtops, furniture, boats, indoor timber flooring, bathroom & kitchen cabinetry, protection over other 2 pack products. A durable waterproof finish coat.

PROPERTIES (at 20°C)

COLOUR: Water clear.

TOXICITY: Toxic – see Precautions

FINISH: Exceptionally high gloss. Also available in satin.

COVERAGE: Up to 10-12sq.metres/mixed litre

DRYING TIME: Touch dry 1 hour. Recoat after 24 hours. Hard dry 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 parts Northane base to 1 part Northane hardener 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: 1.065kg when mixed.

VOLUME SOLIDS: 40%

- FLASH POINT:** 32°C
- CLEAN UP:** NORGLASS SPRAYING THINNERS OR NORTHANE BRUSHING THINNERS.
- U.N. NUMBER:** Base 1263, Hardener 1866
- PREPARATION:** Northane Clear Gloss should only be applied over sound surfaces, cracked varnishes should be removed completely. Recoating old Northane surfaces require 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 should be used as the cleaner. Where silicone polish has been used previously consult NORGLASS TECHNICAL ADVISORY DEPT on (02) 9708 2200 for the best method of removal, and read the Norglass directions on appropriate label specifications and S.D.S. on this product before use.
- 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.

TRANSPORTATION: DG Class 3 HAZCHEM 3Y P.G.III

PRECAUTIONS: Provide adequate ventilation during use. Avoid breathing fumes. Spray mist must not enter the operator's breathing zone.

Wear an air fed face mask when spraying as breathing of vapour is likely to be dangerous.

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

Do not smoke and keep away from naked flame.

Wear protective gloves, goggles and clothing during use.

FIRST AID: 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: DO NOT USE THIS PRODUCT UNLESS ALL RECOMMENDATIONS ARE FOLLOWED. Where Northane Clear is used on areas of constant immersion, 72 hours should elapse after the final coat before immersing. Where Northane Clear is to be left to full exposure of the sun, multiple coats will be required to give U/V resistance. As a guide 6-8 coats would be recommended. Read the Norglass guide on "The Good Oil on Clear Coatings" for additional advice.