

URETHANE

COATINGS

POLYURETHANE SPECIALISTS SINCE 1979

TECHNICAL DATA SHEET

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PURATHANE PART A TWO PACK (HARDENER) WATER BORNE POLYURETHANE TIMBER FINISH



URETHANE COATINGS PURATHANE TWO PACK is two component water borne polyurethane finish developed to provide your commercial timber and parquet floors with extremely hardwearing and long lasting protection. The rapid curing of PURATHANE TWO PACK achieves optimal hardness up to 50% faster than single pack water borne polyurethane and higher solids provide greater resistance to wear. Because water is used as the alternative carrier to solvent, URETHANE COATINGS PURATHANE emits low VOC'S (volatile organic compounds) and is therefore user and environmentally friendly but retains all the durable and hard wearing benefits of solvent based polyurethane.

PHYSICAL DESCRIPTION

Appearance:	Opaque liquid.
Colour:	Milky white.
PH:	>7
Specific Gravity @ 25°C:	>1.

PREPARATION

Please refer to PREPARATION directions detailed on PURATHANE PART B (BASE) Technical Data Sheet or Label.

MIXING

Shake each container for one minute and allow each to stand for two minutes, then Mix PURATHANE PART B (BASE) and PURATHANE PART A (HARDENER) at a ratio of 10 to 1 and thoroughly stir, then allow the mixture to stand for two minutes. Always add PURATHANE PART A (HARDENER) to PURATHANE PART B (BASE). Mixed PURATHANE TWO PACK has a pot life of 2 hours (@ 25°C and 50% R.H.). Smaller mixtures (< 2 Litres) and increased temperature and/or reduced humidity will reduce pot life.

APPLICATION

Please refer to APPLICATION directions detailed on PURATHANE PART B (BASE) Label.

DRYING TIME

Touch dry: 40 minutes. Through Dry: 2 hours. Sanding & Recoat: 2 hours 30 minutes. (Without sanding recoat in 90 to 120 minutes).

All drying times are @ 25°C and 50% relative humidity. Reduced temperature and/or increased humidity can delay drying time.

COVERAGE

10m² per Litre.

THINNING

URETHANE COATINGS PURATHANE TWO PACK does not require thinning. In hot and/or dry conditions and very large areas where it is difficult to maintain a wet edge, add 50ml of URETHANE COATINGS PURAMATE Wet Edge Extender per Litre of PURATHANE TWO PACK and refer to URETHANE COATINGS PURAMATE directions.

CLEAN UP

Thoroughly wash brush, roller, applicator and equipment with water. If PURATHANE TWO PACK is allowed to 'become tacky' on equipment, first rinse off excess with water, then wash off any build up of PURATHANE TWO PACK with URETHANE COATINGS CLEANING SOLVENT or Methylated Spirit, then rinse with water. Dry all equipment before reusing.

PACKAGING

URETHANE COATINGS PURATHANE PART B (BASE) is available in 5 and 10 Litre plastic bottles and PURATHANE PART A (HARDENER) is available in 500ml Plastic bottles.

SHELF LIFE

URETHANE COATINGS PURATHANE TWO PACK is best if used within 12 months from manufacture (refer to batch number on label), when stored in unopened containers under normal conditions of temperature (between 5°C and 30°C – DO NOT FREEZE) and humidity. Keep containers closed when not in use.

RESPONSIBLE CARE

URETHANE COATINGS are proud of a conservative tradition of responsible care, and therefore regardless that the VOC levels of PURATHANE TWO PACK are low, it is inappropriate to advise PURATHANE TWO PACK (and all other water borne coatings) is non toxic. Accordingly URETHANE COATINGS recommend that personal protective equipment is used when applying this product.

SAFETY DIRECTIONS

For detailed Health and Safety information refer to the PURATHANE TWO PACK MSDS as it is an integral part of using this product.

PURATHANE TWO PACK is classified as Non-Hazardous however URETHANE COATINGS recommend usage of this material must be in well ventilated conditions to minimise inhalation of vapours. If applying in confined conditions wear respirator with filters that conform to AS 1716. Prevent skin contact by wearing appropriate protective clothing. May irritate skin and eyes. Keep containers firmly closed when not in use. In case of spillage absorb into dry sand or dirt then remove from work area and complete disposal in a responsible manner.

FIRST AID

If affected by inhalation of vapour, remove to fresh air. If breathing difficulty persists or occurs later consult a doctor and have MSDS ready. If swallowed, give water or milk to drink and Do Not induce vomiting. Contact a Doctor or Poisons Information Centre Australia 131126. In case of eye contact, ensuring eyelids are held open, flush immediately with water for fifteen minutes. In case of skin contact, remove contaminated clothing and wash skin with soap and water.

PRODUCT IDENTIFICATION

UN No.: Not Regulated **D.G. Class:** Not Applicable **CAS No.:** PROPRIETARY
HAZCHEM: Not Applicable **PACK. GRP.:** Not Applicable
Correct Shipping Name: Nil as Non-Dangerous Goods
Manufacturers MANCODE: URECOAT

Notice to Reader

URETHANE COATINGS make no representation as to the completeness and accuracy of the information contained in this Technical Data Sheet. It is the user's obligation to evaluate and use this data, and to comply with all relevant Federal, State and Local Government laws and regulations. URETHANE COATINGS shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendations contained herein, from abnormal use of the material, or from any hazard inherent in the nature of the material.

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