



409 AMERCOAT FR SEALER

2K Fire Retardant Polyurethane

Product Data

409 is a high quality, two pack, modified polyurethane sealer, specifically designed for use under 469 Amercoat FR Finish.

409 has excellent grain definition and hardness.

When applied at the recommended film builds, the 409/469 "Amercoat FR Clear Coating System" meets the requirements of IMO Resolution MSC 61(67) FTP:

Part 2 – smoke and toxicity test

Part 5 – test for surface flammability.

and can therefore be considered to have a low flame spread, in compliance with the International Convention for the SOLAS 1974.

Testing in accordance with AS1530.Part 3, 1999

The 409/469 "Amercoat FR Clear Coating System" has been tested by an accredited third party testing authority over a Group 4 substrate as specified by Clause 4.4.3 of the Australian Standard. The full testing certification, Ref # 05132 is available on request, but a summary follows:

Ignitability Index	14
Spread of Flame Index.	0
Heat Evolved Index	0
Smoke Developed Index	3

These approval are for the coating system only and additional testing may be required to guarantee compliance of the coating and substrate.

Uses

As a polyurethane sealer for high quality interior marine veneers. Also suitable for furniture, toys, shop fittings, doors, cabinets, desks, panelling, partitions and most interior woodwork.

Spray apply 20-30µm DFT. Overcoat overnight (sand 360), with 469.

Packaging

Available 1L, 4L, 20L

Substrates

Wood

Veneer

Surface Preparation

Wood – Sand and dust down.

Thinning and Clean Up

Thin 10-50% with 140 Ester Thinner depending on method of application and coarseness of grain.

Clean gun and equipment with 140 or 104 Reducer.

Mixing Ratio

Mix 1 : 1 with 409B/469B

Pot-Life

Once catalysed 4-6 hours at 21deg C

Application

Spray – conventional, pressure pot

Do NOT apply by hot spray.

Drying

Rapid drying, but allow to dry overnight, and sand to ensure optimum holdout of topcoat.

Theoretical Coverage

Approximately 8 sq. m/litre @ 25µm DFT (catalysed).

Practical coverage rates will be lower than theoretical and this must be taken into consideration when calculating costs.

Safety Precautions

Read each component's material safety data sheet before use. Mixed material has hazards of each component. Safety precautions must be strictly followed during storage, handling and use.

Health & Safety

Avoid breathing vapour. Use with adequate ventilation. High concentrations of vapour may cause headache or nausea, affect the nervous system and respiration.

Do not use in the presence of naked flame or other sources of ignition. Store away from heat.

Wear safety glasses/goggles, an air supplied respirator or hood and PVC or nitrile chemical handling gloves.

If spraying in a confined area, a positive pressure air respirator should be worn.

Store/dispose of residues in accordance with local body regulations.

First Aid

If poisoning occurs, contact a doctor. The Poisons Information Centre may be of assistance – telephone 0800 POISON (NZ), 13-11-26 (Australia).

If swallowed, do NOT induce vomiting. Give a glass of water to drink and get medical attention urgently. If affected by vapour, get into fresh air immediately. If splashed into the eyes, flush them with copious quantities of clean water for 15 minutes and get urgent medical attention.

If splashed onto skin, wash with soap and water.

For further information, refer to the Material Safety Data Sheet for this product.

CAUTION:

Improper use and handling of this product can be hazardous to health.

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep spray mists and vapour concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.

This product is to be used by those knowledgeable about proper application methods. PPG Industries makes no recommendation about the types of safety measure that may need to be adopted because these depend on application environment and space, of which PPG Industries is unaware and over which it has no control.

If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use the product.

This product is for professional use only. Not for residential use.

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if written claim is made within 14 days from date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.

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