

Toby Unithane Catalyst



Polyurethane Coating Catalyst System

Description

Toby Unithane Catalyst is a specially formulated additive which accelerates the curing reaction of Toby Polyurethane Cork and Timber Finishes to reduce tack-free times and surface use-by times.

Recommended Uses

Toby Unithane Catalyst can be used where:

- a reduction of tack-free time
- a reduction of time between recoating and sanding
- or where earlier traffic use of surfaces is required

Toby Unithane Catalyst initiates a faster onset of high viscosity thus reducing the working time of the catalysed material.

Toby Unithane Catalyst is NOT recommended for use as an accelerator for Toby Unithane Satin and Matt Polyurethane Cork and Timber Finishes.

Application

Mix well before use. Component ingredients have differing specific gravities and can gradually "layer" by gravity action when left standing. Thorough mixing before use is essential.

Toby Unithane Catalyst should be added to the material to be catalysed at the recommended rate of:

Maximum of 10 ml per litre of Toby Unithane Gloss

Maximum of 5 ml per litre of Toby Lustapol Two Pack and Toby Speedseal.

Note: Thorough mixing of Catalyst and Finish is essential. The catalysing effect will vary significantly depending on the temperature of the material being catalysed and other factors including temperature, humidity, airflow and applied film thickness. Test use of the minimum recommended level of Toby Unithane Catalyst with a small quantity of the Toby Polyurethane Finish material to determine if more (or in some cases even less) catalyst is recommended.

Containers of Toby Unithane Catalyst must be sealed after use as it can react with atmospheric moisture resulting in activity loss.

Cautions

Wear gloves and eye protection during application.

Wash hands thoroughly after use as contact with skin can cause burns.

Unithane Catalyst contains organic tin and amines and is poisonous.

Health and Safety

Flammable. Toxic if swallowed. Irritating to skin, eyes and respiratory system. Avoid contact with skin and eyes. Wear eye protection and solvent resistant gloves when mixing or using this material.

First Aid Instructions

If poisoning occurs contact a Doctor or Poisons Information Centre. If skin contact occurs remove contaminated clothing and wash skin thoroughly. If in contact with eyes, hold eye open and flood with water for at least 15 minutes and seek medical advice.

Follow all warnings and directions fully and carefully.

Typical Properties and Application Data

Appearance:	Clear liquid, slight straw colour
Dosage:	Maximum of 10ml per litre of Toby Unithane Gloss. Maximum of 5 ml per litre of Toby Lustapol Two and Toby Speedseal.
Solubility in water:	Not soluble
Storage:	Protect from extremes of temperature. Keep away from ignition sources. Store between 5°C and 30°C.
Packaging:	1 litre container
Flammable liquid	
Poisonous:	Contains Organo Tin and Amine
UN No:	1992
Hazchem:	2(Y)
PG:	III

