

# Technical Datasheet Incozol 2

Issue 3 – 04/19



## Description

Incozol 2 acts as an effective moisture scavenger in polyurethane coatings and sealants. It is used to eliminate moisture from solvents and polyols and also from plasticisers and pigments in the formulation. The removal of moisture from PU formulations prevents bubbling and downglossing caused by high moisture levels either on the substrate or from the atmosphere resulting in a defect free finish.

Incozol 2 is recommended for use in two component systems but can also be used in one component systems with a high NCO content (typically >5%).

## Typical Properties

Functionality .....	2
Addition Level (% wt) .....	3
Viscosity (cP @ 20°C) .....	15
Density (g/cm <sup>3</sup> ) .....	0.87
Colour (APHA) .....	Max 250
Flash Point (°C) .....	82

## Features

- Produces bubble free coatings by preventing the formation of CO<sub>2</sub> gas – improving chemical and physical resistance
- Eliminates surface defects such as pinholing and hazing, which would otherwise lead to a loss of gloss in two component systems
- Confers tolerance to repeated opening of paint containers - preventing gelation in one component moisture cure systems
- Fully reacts into the urethane polymer matrix
- Irreversible removal of water

## Typical Applications

- Removal of water from polyols, solvents, plasticisers and pigment pastes in two component polyurethanes
- Humidity control during application of sprayed polyurethanes
- Ideal for high solids systems due to low viscosity and solvent characteristics