Technical Datasheet

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Description

Incozol 4 is a urethane bridged bis-oxazolidine curing agent, which hydrolyses on exposure to moisture, yielding a reactive amine and hydroxyl functional cross-linking agent.

Used in conjunction with low NCO polyurethane prepolymers, this curing agent accelerates the cure of the prepolymer through a moisture triggered mechanism to afford crosslinking benefits to the 1K polyurethane coating. In addition, it enhances properties such as through cure development and mechanical strength by the elimination of CO2 gassing in high build, high solids PU systems.

Typical Properties

Functionality	4
Equivalent Weight (g/eq isocyanate)	122
Viscosity (cP @ 20°C)	12,000
Density (g/cm ³)	1.08
Colour (APHA)	Max 300
Flash Point (°C)	90

Features

· Enables the production of high-build coatings without CO2 gassing

 \cdot Good in-can stability for 1K aliphatic PU systems

· Increases the cure speed of 1K PU systems where the addition of heavy metal catalysts is restricted or unwanted

Typical Applications

- $\cdot\,$ Waterproofing membranes such as roof coatings and balcony coatings
- · High build, high solids (low VOC) moisture cure coatings and varnishes

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