

# CONIPUR 372

# Pigmented, Solvent Free MDI Based PUR Binder

# **Product description**

CONIPUR 372 is a single component, pigmented, solvent free, of high viscosity, moisture curing polyurethane binder based on MDI.

### Fields of application

CONIPUR 372 is used as a highly reactive, pigmented binder for the manufacturing of rubber mouldings (e.g. for children's playgrounds). Apart from rubber granules and rubber buffing, other elastic materials, like cork and polyurethane foam, can be used. The reactivity of CONIPUR 372 is specifically adjusted for curing with water vapour.

#### **Properties**

Mouldings made from CONIPUR 372 exhibit high mechanical properties. Due to the solvent and plasticizer free formulation, binder initiated shrinkage can be excluded.

### **Technical Data**

Density	DIN 51757, at 23 °C	g/cm <sup>3</sup>	1.33
Viscosity	at 23 °C	mPas	8200
NCO content	DIN 53185	%	6.8
Flash point	DIN 51755	°C	> 150

Above figures are guide values and must not be used as a base for specifications!

# Application method

CONIPUR 372 is a single component binder.

For use the temperature of the binder should be between 15 and 25 °C. Before using, the binder needs to be homogenized by rolling / stirring.

The elastic granules / fibres are mixed with the necessary amount of binder using a suitable mixer.

The amount of binder depends very much on the type and size of the elastic particles to be bound, on compaction and on the application purpose of mouldings or mats. It varies normally from 4 to 20 % by weight.

The duration of mixing depends on the mixer type, but must be at least 2-5 minutes.

The mixture of binder and granules is filled in moulds, compacted and cured with water vapour until a demoulding is possible.

The curing time can be shortened by addition of a catalyst.

#### Pack size

CONIPUR 372 is delivered in 240 kg drums or 1'200 kg containers.

## Colour

oxide red

#### Storage

Store in original closed packing under dry conditions at a temperature range of 5 - 25 °C.

Do not expose to direct sunlight.

Before use, please see "best before" date on the pail / drum.

#### Safety precautions

CONIPUR 372 is non-hazardous in its cured condition.

For protective measures, transport regulations and waste management please refer to the Material Safety Data Sheet of the product.

CONIPUR 372 meets the requirements of the EC directive 2004/42/EC.

 CONICA AG
 Tel.: +41 52 644 3600
 Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given

 Industriestr. 26
 Fax: +41 52 644 3699
 or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the professional

 8207 Schaffhausen
 info@conica.com
 competence involved in the application of the product are beyond our control.

As all CONICA guidelines maybe updated as needed, it is user's responsibility to obtain the most recent issue. Registered users can obtain the actual data sheets from our webpage. Hard copies are available upon request.