

Data Sheet Issue 12/2012

# **AQUACER 552**

HDPE-based wax emulsion for improved scratch resistance in aqueous coatings and printing inks.

# **Product Data**

#### Composition

Non-ionic emulsion of an oxidized HD polyethylene wax

## **Typical Properties**

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Non-volatile matter (60 min., 125 °C): 35 % Carrier: Water Melting point (wax content): 130 °C Viscosity (23 °C, D=800/s): 25 mPa·s

pH value:

### **Food Contact Legal Status**

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

### **Storage and Transportation**

Temperature sensitive. To be stored and transported between 5 °C and 35 °C. Stir before use.

# **Applications**

## **Coatings and Printing Inks**

#### **Special Features and Benefits**

The additive improves the scratch resistance in aqueous systems.

## **Recommended Use**

Aqueous Coating Systems	
Aqueous Printing Inks	
especially recommended recommended	



#### **AQUACER 552**

**Data Sheet** Issue 12/2012

#### **Recommended Levels**

1-6 % additive (as supplied) based upon total formulation in aqueous coatings.

3-14% additive (as supplied) based upon total formulation in aqueous printing inks.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

## **Incorporation and Processing Instructions**

The additive is preferably incorporated into the coating at the end of the production process with a low shear rate. Stir thoroughly before use.