



## Technical Data Sheet

# DUMAPERSE 350

### Dispersing Agent

#### Product Description

Dispersing agent for solvent based medium/long oil alkyd systems, for all pigments and fillers.

#### Primary Usages

Industrial paints and varnishes,  
Road marking paints,  
Wood coatings,  
Printing Inks

#### Recommended Process

The additive should be added into the millbase and premixed in the binder or solvent before the pigment is added.

#### Product Features

Prevents flocculation with steric effects in long/medium-oil alkyd systems. Keeps system stable and increase the gloss and color strength.

#### Technical Specifications

##### Test

Chemical Structure  
Solid Content (5 min. 160°C, %)  
Appearance  
Density (gr/ml, 20°C)  
Amine Value (mg KOH/g)

##### Range

Hydroxyl. Carboxylic Acid Ester  
97 - 100  
Clear Yellow/Brown Liquid  
0,92  
66 - 72

#### Dilutability

|                       |           |
|-----------------------|-----------|
| Water                 | Insoluble |
| Ethyl Alcohol         | Complete  |
| Butyl Alcohol         | Complete  |
| MPA                   | Complete  |
| Aliphatic Hydrocarbon | Complete  |
| Butyl Acetate         | Complete  |
| Xylene                | Complete  |

#### Usage Ratios

(% by weight as supplied based on pigment amount)

|                     |             |
|---------------------|-------------|
| Titanium Dioxide    | 0,5 - 2,0   |
| Inorganic Pigments  | 5,0 - 10,0  |
| Organic Pigments    | 8,0 - 20,0  |
| Carbon Black        | 10,0 - 30,0 |
| Extenders           | 0,3 - 0,8   |
| Co-grinding Systems | 0,3 - 1,0   |

#### Compatibility

|                         |              |
|-------------------------|--------------|
| Long oil alkyds         | Complete     |
| Short/Medium oil alkyds | Limited      |
| Thermoplastic acrylics  | Incompatible |
| Methacrylic resins      | Complete     |
| Epoxy resins            | Incompatible |
| Polyester resins        | Incompatible |
| Acrylic PU              | Incompatible |

#### Storage and Shelf Life Condition

The product should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5-35 °C. Exposure to direct sunlight should be avoided. The shelf life of the resin which under the mentioned storage conditions is 24 months.

#### Material Safety

A Material Safety Data Sheet for this product is available on request.

The information in this data sheet is to the best of our knowledge correct at the date of printing. They merely serve the purpose of informing our customers and do not relieve them from examining themselves the suitability of the described products for the intended purpose. Since conditions of the application are beyond our control, no liability can be accepted on the basis of this data sheet.