



Technical Data Sheet

DUMAPERSE 320

Dispersing Agent

Product Description

Wetting and dispersing agent for solvent based short oil alkyd systems, for inorganic pigments and fillers.

Primary Usages

Industrial paints and varnishes,
Road marking paints

Recommended Process

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

Product Features

Effectively disperses inorganic pigments,
and extenders. It also keeps them stable.
Can be used as a co-dispersant

Technical Specifications

Test

Chemical Structure
Solid Content (10 min. 160°C, %)
Appearance
Density (gr/ml, 20°C)
pH
Acid Value (mg KOH/g)

Range

Carboxylic Acid Ester
55 - 59
Opaque Light Yellow Liquid
1,08
5,5 - 7,5
31 - 37

Dilutability

Water	Limited
Ethyl Alcohol	Insoluble
Butyl Alcohol	Limited
MPA	Insoluble
Aliphatic Hydrocarbon	Complete
Butyl Acetate	Insoluble
Xylene	Insoluble

Usage Ratios

(% by weight as supplied based on pigment amount)

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

Compatibility

Long oil alkyds	Limited
Short/Medium oil alkyds	Complete
Thermoplastic acrylics	Incompatible
Solvent based epoxies	Incompatible
Solvent free epoxies	Incompatible
Polyester resins	Incompatible
Nitrocellulose	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 10-40 °C. Exposure to direct sunlight should be avoided. The shelf life of the resin which under the mentioned storage conditions is 24 months. It has a crystallization tendency at cold weather (under the 10°C) because of its chemical structure. That will not affect performance of product.

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.