



PATCHAM (FZC)

# PAT-ADD DA 932

## PRODUCT DATA SHEET

PAT-ADD DA 932 is a polymeric dispersing agent for use in industrial solvent-borne paints and pigment concentrates.

PAT-ADD DA 932 is specially designed for application in TPA based paints. However, the product is also applicable in other solvent borne systems and high concentrated pigment dispersions as applied for in-plant tinting purposes. Using PAT-ADD DA 932, results in extremely low viscosity and high transparency properties.

### **PHYSICAL CHARACTERISTICS:**

Appearance	:	Clear to slightly hazy yellowish liquid
Viscosity @ 25°C, approx	:	300 cPs
Specific gravity @ 25°C, approx	:	0.985
Amine value	:	approx. 15 mg of KOH/gm
Composition	:	polymeric polyurethane with cationic pigment affinic groups
Solvents	:	xylene, 1-methoxy-2-propyl acetate
Solids content, approx.	:	46-48%

### **PROPERTIES:**

PAT-ADD DA 932 is a polymeric dispersing agent exhibiting strong adsorption properties onto a wide variety of pigment surfaces, contributing to best dispersion stability, low viscosity pigment dispersions and high transparency for fine particle sized pigments.

### **MAIN BENEFITS ARE:**

- First choice for TPA binder based systems
- The Most suitable dispersant for high pigment loaded tinters
- Extremely effective for furnace carbon blacks, for extreme jet, blue undertone
- Provides excellent color development and transparency
- For wood coatings, repair refinishes, general industrial coatings, pigment concentrates

### **DOSAGE AND ADDITION:**

The optimal amount of PAT-ADD DA 932 to be used is system related, but generally is between 10 and 15% PAT-ADD DA 932, calculated on the total weight of pigment concentrate. If used in ready mixed paints, dosages of approx. 1 to 4% are suggested. The product is best added to the mill-base prior to the pigments.

For carbon blacks a dosage of 20 to 60% (active ingredient) on pigment is recommended.

The optimum concentration to be used depends on the individual requirements and conditions.

*For information on handling and safety please refer to the information from the Material Safety Data Sheet*