



PATCHAM (FZC)

# PAT-ADD DA 939

## PRODUCT DATA SHEET

PAT-ADD DA 939 is a polymeric dispersing agent for use in industrial solvent-borne and water-borne paints and pigment concentrates.

PAT-ADD DA 939 is compatible in a wide range of binder systems, including stoving enamels and 2 pack systems. Using PAT-ADD DA 939 results in low viscosity and high transparency properties.

### **PHYSICAL CHARACTERISTICS:**

Appearance	:	Clear yellowish liquid
Viscosity @ 25°C, approx	:	200 cPs
Specific gravity @ 25°C, approx	:	1.010
Amine number	:	approx. 15 mg of KOH/gm
Composition	:	polymeric polyurethane with cationic pigment affinic groups
Solvent	:	1-methoxy-2-propyl acetate/Butyl acetate/DPM
Solids content, approx.	:	47%

### **PROPERTIES:**

PAT-ADD DA 939 is a polymeric dispersing agent showing 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. PAT-ADD DA 939 is most suitable for the formulation of pigment concentrates

### **MAIN BENEFITS ARE:**

- Used in industrial paints and architectural paints
- Provides excellent color development and transparency
- Polymeric dispersing agent, for best resin compatibility

### **DOSAGE AND ADDITION:**

The optimal amount of PAT-ADD DA 939 to be used is system related, but generally is between 8 and 12% PAT-ADD DA 939, calculated on the total weight of pigment concentrate. If used in ready mixed paints, dosages of approx. 0,6 to 3% 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*