

# HEXAFOR™ 636

## POLYMERIC FLUOROSURFACTANT

### DESCRIPTION

**HEXAFOR™ 636** is a polymeric non-ionic fluorosurfactant for solvent based systems.

**HEXAFOR™ 636** reduces surface tension, improves wetting and leveling, reduces cratering, fish eyes, and orange peel effect.

**HEXAFOR™ 636** is based on short-chain fluorinated monomers containing 6 perfluorinated carbon atoms, that cannot breakdown to PFOA in the environment.

### SPECIAL FEATURES

- ❖ Specifically for solvent based systems
- ❖ Good reduction of surface tension
- ❖ Excellent leveling
- ❖ VOC free
- ❖ Low viscosity
- ❖ High thermal stability
- ❖ Reduced orange peel effect
- ❖ Improved wetting of most solvent based systems
- ❖ Excellent solubility in hydroxyl acrylic resins

### TECHNICAL INFORMATION

APPEARANCE	Viscous Liquid
COLOR	Colourless/Pale Yellow
DENSITY	1,08 g/cm <sup>3</sup>
COMPOSITION	100% active matter

### SPECIFICATION

Non volatile content: 95 – 100%

### STORAGE AND STABILITY

**HEXAFOR™ 636** is stable for two years if stored in its sealed original drums.

### APPLICATIONS

**HEXAFOR™ 636** as levelling agent expresses its best properties at 0,1 – 0,5%. The optimum dosage could change a lot depending on the application field. Some examples of application:

- ❖ Automotive coating
- ❖ Alkyd system
- ❖ Stoving enamel
- ❖ Polyester resins

### SURFACE TENSION IN SOLVENTS

Solvent	% in weight of Hexafor 636	
	0%	0,1%
MIBK	23,9	22,8
Butyl acetate	25,1	24,1
2-propanol	21,6	21,0
Xylene	28,7	28,0

### SOLUBILITY

Solvent	% Hexafor 636
Water	insoluble
Methyl ethyl ketone	>10%
Isopropanol	>10%
Xylene	>10%
Methoxy propanol	>10%
N-Metil Pirrolidone	>10%
Butyl acetate	>10%
Toluene	>10%
Mineral spirit	>10%

### PERSONAL SAFETY

Please, consult the current **Safety Data Sheet** for safe use of the product.

### PACKAGING

- ❖ Kg 5 – Drum
- ❖ Kg 25 – Drum
- ❖ Kg 100 – Drum