

HEXAFOR™ 692

SOLVENT BASE POLYMERIC FLUORINATED ADDITIVE

DESCRIPTION

HEXAFOR™ 692 is a polymeric fluorinated additive for solvent based systems.

HEXAFOR™ 692 reduces surface tension, improves wetting and leveling, reduces cratering, fish eyes, and orange peel effect to a wide variety of formulations for coating.

HEXAFOR™ 692 at the right dosage confers hydro-oil repellency and antistain properties to dried film.

HEXAFOR™ 692 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
- ❖ Reduced orange peel effect
- ❖ Improved wetting of most solvent based systems
- ❖ **HEXAFOR™ 692** is exempt from the obligation imposed by REACH regulation because it is classified as a polymer.
- ❖ Meets the goals of the voluntary U.S. EPA 2010/2015 PFOA Stewardship Program
- ❖ Targeted below LOD for PFOA (**PFOA free***)

SURFACE TENSION IN SOLVENTS AT 25°C

Solvent	0% a.m.	0.05% a.m.	0.1% a.m.
MIBK	22.5	22.0	22.1
Butyl acetate	25.2	22.8	22.8
2-propanol	21.4	20.4	20.0
Xilene	28.7	22.3	22.1

APPLICATIONS

HEXAFOR™ 692 expresses its best properties already at very low concentration (0.2 – 0.8% as supplied).

Some examples of application:

- ❖ Automotive coating
- ❖ Industrial coating
- ❖ Can coating
- ❖ Wood and furniture coating

TECHNICAL INFORMATION

APPEARANCE	Yellow, clear liquid
ODOUR	Characteristic
DENSITY	0,95 g/cm ³
FLASH POINT	24°C (75°F)
BOILING POINT	126°C (259°F)
FREEZING POINT	-18°C (0°F)
ACTIVE MATTER	24 - 26 % (wt)
COMPOSITION	25 % Fluorinated polymer 75 % Butyl acetate

SPECIFICATION

Non-volatile content: 24 – 26 %

SOLUBILITY

Hydrocarbons, Esters, Ketones, Heptane, Toluene, Xylene, Butyl glycol 2- Propanol...

STORAGE AND STABILITY

HEXAFOR™ 692 is stable for two years if stored in original closed drums at temperatures of 4 – 45°C (39 – 113°F). Heating is not recommended (very flammable liquid).

Maflon S.p.A.

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TECHNICAL DATA SHEET



PERSONAL SAFETY

HEXAFOR™ 692 does not contain toxic substances. Consult the current **Safety Data Sheet** for safety use of the product.

PACKAGING

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

* Wherever the term "PFOA Free" is used in this TDS, it means content of PFOA is less than limit of detection (20ppb).

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