

# Nanosil® 8808

## Typical Properties

Appearance	Clear liquid
Active Ingredient	55%
Viscosity @ 25°C, cp	2.1
Density @ 23°C	0.920
Reflective Index	1.380
Ph Value (1% v/v solution in water)	4.5

## Product Description

Nanosil® 8808 is a film forming clear liquid. It is a blend of Nanosil® 8030 with Perfluoroalkylethyl acrylate. It is designed for use as an additive to impart low surface energy and other fluoropolymer attributes beside the inherent properties of Nanosil® 8030, i.e. to impart surface hardness, scratch resistance and promote adhesiveness for all types of coatings. Nanosil® 8808 is generally intended to be used as an additive for coating formulated for special properties to handle harsh exterior and interior extremes, especially self-cleaning and Anti-finger prints effect.

## Cost Effectiveness of Nanosil® 8808

The hefty cost of additives for anti-finger prints, hydrophobicity and oleophobicity enhancement is not viable for most coating systems. Nanosil® 8808 is developed for these enhancements at much reduced cost.

## Incorporation Procedure

Nanosil® 8808 is used as an additive (at approximately 1 - 2% by weight of the total coating formulation) in the preparation of a variety of coating systems.

It is always recommended that Nanosil® 8808 to be added at the let down stage of the coating systems. If it has to be added, for some circumstances, during the premix stage, due to its concentration, it has to be first mix with the solvent portion of the coating formulation in order to be thinned down prior mixing with the polymers / resins.

In its concentrated form, Nanosil® 8808 is relatively high on acidity, never use a metal container to store Nanosil® 8808. Once it is added to the coating systems at appropriate level, it becomes totally inert and the final coating systems have full compatibility with all metals and other substrates, and protruding its excellent enhancement properties that others cannot match.

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