

# PAT-ADD AF 76

## Product Data Sheet

Rev 01

May 2018



### Product Features

PAT-ADD AF 76 is a silicone-free, polymeric de-aerator and defoamer for use in unsaturated polyester resin systems, as well as in PUR and epoxy systems.

PAT-ADD AF 76 demonstrates fast de-airing and excellent compatibility with a wide variety of mentioned resins based formulations.

PAT-ADD AF 76 is specially recommended for clear, transparent systems.

#### **Main benefits are:**

- Outperforming de-aeration properties
- Silicone free
- Minimal risk for causing haziness
- Maintains clear appearance
- Suitable for main processing processes

### Physical Characteristics:

<b>Appearance</b>	:	Clear colorless liquid
<b>Viscosity @ 25°C/77°F</b>	:	<25 cP
<b>Specific gravity @ 25°C/77°F</b>	:	0.880 – 0.905
<b>Composition</b>	:	organic polymer compound in hydrocarbon and ester solvents

“Physical parameters indicated here in product data sheet are typical properties and not specification limits or range.”

### Properties:

PAT-ADD AF 76 is suitable for avoiding air entrapment in ambient temperature curing systems, such as based on unsaturated polyesters, epoxy resins or polyurethanes. The range of application systems includes gel-coat and EP or PUR floorings

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### Dosage& Addition

The optimal amount of PAT-ADD AF 76 to be used is system related, but generally is between 0.2 and 0.5 % PAT-ADD AF 76, calculated on the total weight of formulation. Appropriate incorporation conditions have to be provided; preferred is premixing Pat-Add AF 76 with the resin, before other components.

Suitability and optimum concentration to be used depends on the individual requirements and conditions and is best checked experimentally.

### End Use Application

Particularly recommended for unsaturated polyester resins, gel coats and casting systems.

### Shelf life

The product has shelf life of 24 months from the date of manufacturing; packed in unopened original containers as shipped by Patcham, stored in frost free warehouse.

### Storage, transportation, safety and Handling

For information on handling, storage and safety please refer to the information from the Material Safety Data Sheet (SDS).

### Packing size

Drum: - 180.0 kgs, Can: - 20.0 kgs.

#### *Disclaimer:*

*While every effort is made to provide accurate and complete test results for The PATCHAM ADDITIVES, various data may vary depending upon different raw materials, test procedures and test conditions. The accuracy, reliability, or totality of the results are not guaranteed or warranted in any way. PATCHAM FZC and its representatives disclaim liability of any kind whatsoever, including liability for quality, performance and fitness for a particular purpose arising out of the use, or inability to use the test results.*