

**AP**

Arina polymer Co., Manufacturer of epoxy based materials & industrial adhesives

Address: Iran. Markazi province, Zavieh Industrial zone

**شرکت آرینا پلیمر**

تولیدکننده اپوکسی‌های ساختمانی و چسب‌های صنعتی

نشانی: استان مرکزی، شهرک صنعتی زاویه

# Arina-coat OPV 813 H

## ACR based High glass coating

### Technical Data Sheet

#### Introduction:

**Arina-coat OPV 813 H** is single component overprint varnish, water based product manufactured upon selected copolymers and modified with cellulosic chemicals. It can be used as a coating in a wide range of applications for protecting surfaces from oxidizing and UV attacks. It also provide a high glass film on printed surfaces. Chemical properties of the product makes it suitable to be used in food packaging industries.

#### Application:

**Arina-coat OPV 813 H** is specially formulated and developed for use as finish coating with excellent adhesion to paper, textile and wood. The physical properties of this coating agent makes it suitable to be used in different machineries.

#### Technical information:

Appearance	Milky liquid
Specific gravity (at 25 °C)	Approx. 1.11 to 1.12 Kg./L
Adhesion	Excellent to paper, textile etc....
Solid content %	47 to 48
PH	5 -7
Viscosity (at 25 °C)	32 to 34 (spindle 2 / rpm 12)
Glass	Over 60
Boiling point	90 °C

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### Advantages:

- Flexible dried film.
- High bond strength.
- Fast drying.
- None toxic.
- Dried film moisture resistant.
- Environment friendly.
- Oxidizing and UV resistance.
- Good bending capability.

### Cleaning:

Application tools and equipment can be washed with water before hardening. Cured material can only be removed mechanically.

### Storage / Shelf life:

Store out of direct sunlight, and protect from extreme heat and rain fall at +10 to +40 °C. The shelf life for originally unopened package is 9 months from date of production.

### Packaging:

**Arina-coat OPV 813 H** is available in 20 and 1000 Liter units. Other packaging can be utilized upon request of customer.

### Safety precautions:

Although **Arina-coat OPV 813 H** is not dangerous or toxic material, but while working with chemicals, use personal safety devices such as gloves and safety goggles. If contacted with eyes or mucous membrane, wash immediately with plenty of water for 15 minutes and seek medical attention.

### Preparation and approval:

Prepared by: Arina polymer documentary team

First revision: January 2022

Approved by: Mohammad Reza Reis Mohammadian