

## Product Information

## SURFYNOL® AS 5040

## Non-Ionic Dynamic Wetting Agent

## PRODUCT DESCRIPTION

SURFYNOL® AS 5040 can perform as a non-foaming dynamic wetting agent in a wide variety of applications including waterborne adhesives and numerous industrial specialty applications. It is a 100% active, easy-to-handle liquid that contains no added alkylphenol ethoxylates (APEs) or hazardous air pollutants (HAPs). SURFYNOL® AS 5040 complies with several regulations needed for applications requiring food contact compliances in the US, Europe and Asia.

## Typical Properties

Property	Unit	Value
Activity	%	100
Appearance		clear to hazy, yellow liquid
Flash Point	°C	≤110
Pour Point	°C	-8
Specific Gravity at 25°C	g/ml	0.95
Viscosity at 25°C	mPa·s	150

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

- Pressure-sensitive adhesives
- Flexible food packaging adhesives
- Paper coatings
- Latex dipping

## BENEFITS &amp; ADVANTAGES

- Low foam dynamic surface tension reduction
- Enables wetting of low energy and/or contaminated substrates
- Enhances rapid penetration of absorbent substrates
- Has several global food contact compliances
- Contains no added APEs, HAPs or solvents
- Contains no added siloxanes, silicones or Fluor surfactants

## DOSAGE

Between 0.1 and 2% of total formulation weight is recommended.

## HANDLING &amp; PROCESSING

Refer to the Material Safety Data Sheet for the most current information.

## STORAGE

Keep containers tightly closed in a dry, cool, and well-ventilated place. Product is normally freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40°C and mix thoroughly before use.

## SHELF LIFE

The shelf life for this product is 60 months from the date of manufacture.

The shelf life period can be subject to prolongations based on reapprovals in accordance with the established Evonik ISO 9001 quality management process.

## HAZARDOUS SUBSTANCE

Information concerning

- Classification and labelling according to regulations for transport and for dangerous substances
- Protective measures for storage and handling
- Measures in case of accidents and fire
- Toxicity and ecological effects

is given in our material safety data sheets.

## REGISTRATION LISTING SUMMARY

The relevant components of SURFYNOL® AS 5040 are listed/registered or exempt in the following chemical inventories.

### Registration Listings

Registry	Status
Australia (AIRC)	Yes
Canada (DSL)	Yes
China (IECSC)	Yes
EU (EINECS/ELINCS)	Yes

### Registration Listings

Registry	Status
Japan (ENCS)	Yes
South Korea (TCCL)	Yes
New Zealand (NZIoC)	Yes
Philippines (PICCS)	Yes
Taiwan (TCSI)	Yes
USA (TSCA)	Yes

#### Disclaimer

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