



**EAGLE CHEMICALS**<sup>TM</sup>  
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## EAGAWAX 265

**EAGAWAX 265** is a wax dispersion based on Ethylene-Vinyl Acetate Copolymer (EVA) for solvent-based effect coating systems, particularly metallic base coat for automotive coatings. It enhances the orientation of effect pigments and reduces the sedimentation tendency in the cans.

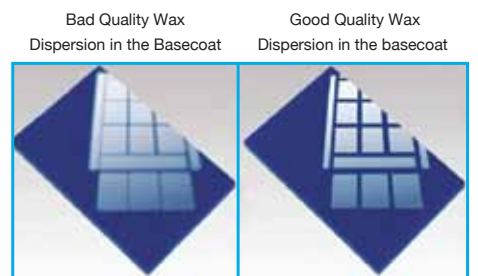
### APPLICATIONS

- Improves the orientation of effect pigments (e.g. aluminum, mica).
- Enhances the flip-flop effect, i.e. the poly-chromatic effect seen when viewed from different angles.
- Reduces the short wave defects.
- Reduces the sedimentation tendency in the cans
- Improves the D.O.I. of clear coats



### PROPERTIES

Non-volatile matter	6.5 ± 0.8%
Carrier	Xylene/butyl acetate/n-butanol 6/3/1
Melting Point (wax content)	105 °C
Particle size (Hegman)	20µm
Appearance	Milk Like



# Metallic/Pearl Basecoat Guide Formulation

## Based on Hydroxy Acrylic Resin

### AC-EAGLE(OH66-20BA50)50% and EAGAWAX 265

#### RESIN SPECIFICATION

Resin Code	Non volatile	Solvent	OH %	Viscosity	Color (Hazen)
AC-EAGLE (OH66-20BA50)	50%	Butyl acetate	2.0 on solid	X-Z	50 Max

#### GUIDE FORMULATION

Ingredients	Kg	Remarks
<b>Intermediate (1)</b>		Aluminum/Perl dispersion
Butyl acetate	72.00	
Alcan Toyo 8160 NAR	47.00	
<b>Intermediate (2)</b>		CAB 381-0.5 20% solution
Butyl acetate	268.00	
CAB 381-0.5	67.00	
<b>Intermediate (3)</b>		CAB 551-0.2 20% solution
Butyl acetate	89.60	
CAB 551-0.2	22.40	
<b>Intermediate (4)</b>		
EAGAWAX 265	136.00	EVA wax dispersion
Butyl acetate	161.00	
AC-EAGLE (OH 66-20 BA 50) 50%	114.00	EAGLE acrylic resin
Uramex MF 821B	23.00	Butylated melamine resin
<b>Total</b>	<b>1000.00</b>	

Thinner	Kg
Xylene	60.00
Butyl acetate	40.00
<b>Total</b>	<b>100.00</b>

#### PROCEDURES

- 1- Load ingredient (7) in a tank with propelled type stirrer. Switch the stirrer on and slowly add the intermediates (2) + (3) over 15 minutes. Keep stirring for 20 minutes.
- 2- Addition of intermediate (1) under agitation and proceed with stirring for another 20 minutes.
- 3- Addition of ingredient (8) under agitation and proceed with stirring for another 10 minutes, then filtrate with cartridge filter 2 microns.
- 4- Addition of ingredients (9) + (10) slowly under agitation and proceed with stirring for another 20 minutes.
- 5- Filtrate with cartridge filter 125 microns.