## ADVALUBE™ B-3314 Specialty Lubricant

### Description

ADVALUBE B-3314 is a combination of lubricants with different polarities, giving a balanced lubrication.

### Applications

• General purpose Vinyl profiles
• Vinyl window profiles

### Benefits

• Based on internal, external and balanced lubricants
• Allows glossy and smooth surfaces to be obtained
• Can be used as sole lubricant in the Vinyl formulation
• Provides a very broad processing window

### Typical Dosage

1.5 – 3.0 phr

### Typical Properties

| | |
|---|---|
| Melting Range | 105–115°C |
| Bulk Density | 0.540 g/ml |

### Appearance

Ivory-colored powder

### Packaging

55 lb. (25 kg) PE bags on 2200 lb. pallets (other packaging available)

### Regulatory Status

| | |
|---|---|
| FDA | N |
| NSF | N |
| Kosher | N |
| TSCA | Y |
| DSL | Y |
| EINECS | Y |

### Shelf Life

24 Months

### Storage

Store in cool, dry, well-ventilated area.

## Transfer

Follow good manufacturing and handling practices as well as the practices in the Material Safety Data Sheet (MSDS).

## MSDS's

Material Safety Data Sheets (MSDS) are available, outlining hazards and safe handling methods. Contact Rohm and Haas for copies of the MSDS for this product and for other handling information.

### Vinyl Window Profile Formulation

| | |
|---|---|
| Vinyl Resin (K = 66-67; i.v. = 0.92) | 100 PHR |
| ADVASTAB TM-181 | 1.2 |
| Calcium Stearate | 0.8 |
| Paraffin Wax (165°F) | 0.5 |
| ADVALUBE B-3310 | 1.0 |
| ADVALUBE E-2100 | 0.6 |
| Oxidized Polyethylene | 0.15 |
| PARALOID K-120ND | 1.0 |
| PARALOID K-175 | 0.5 |
| PARALOID KM-334 | 5.0 |
| $TiO_2$ | 9.0 |
| $CaCO_3$ (Ultra-Fine) | 5.0 |
| **ALTERNATIVE IMPACT MODIFIER:**<br>PARALOID KM-399 @ 4.0 phr | |
| **ALTERNATIVE MULTI-FUNCTIONAL**<br>**ADDITIVE SELECTIONS:**<br>PARALOID KM-940 @ 6.5 phr or<br>PARALOID KM-346 @ 5.0 phr | |
| **ALTERNATIVE TIN STABILIZERS:**<br>ADVASTAB TM-186 - Thioglycolate for lower level usage<br>versus TM-181 for better early color<br>      TM-286SP - Highest efficiency reverse ester<br>      TM-281SP - Low cost best efficiency at low levels | |
| **ALTERNATIVE LUBRICANT PACKAGE:**<br>ADVALUBE B-3314    2.7 with 0.5 phr ADVAWAX 280 | |

### Vinyl Window Profile (High Gloss)

| | |
|---|---|
| Vinyl Resin (K = 66-67; i.v. = 0.92) | 100 PHR |
| ADVASTAB TM-186 | 1.2 |
| Calcium Stearate | 1.5 |
| ADVAWAX 280 | 1.7 |
| Oxidized Polyethylene | 0.1 |
| PARALOID K-120ND | 1.0 |
| PARALOID KM-399 | 4.5 |
| $TiO_2$ | 9.0 |
| $CaCO_3$ (Ultra-Fine) | 3.0 |
| **ALTERNATIVE IMPACT MODIFIERS:**<br>PARALOID KM-346 @ 5.0 phr<br>PARALOID KM-334 @ 5.5 phr<br>PARALOID KM-940 @ 5.5 phr | |

**ALTERNATIVE TIN STABILIZERS:**
ADVASTAB TM-181 - Equivalent performance to TM-186 at this level
TM-281SP - Low cost - high efficiency at low levels
(reverse ester)
TM-286SP - High efficiency at all levels (reverse ester)

**ALTERNATIVE LUBRICANT SYSTEMS** (in place of CaSt,
ADVAWAX 280 and Oxidized Polyethylene):
1. CaSt (1.0)/ Paraffin Wax (165°F) (0.6)/ ADVALUBE B-3310
   (0.6)/ ADVALUBE F-1005 (0.4)/ADVAWAX 280 (0.5)
2. ADVALUBE B-3314 (2.6)/ ADVAWAX 280 (0.5)

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