

## CANDLE APPLICATIONS

**Sono Jell<sup>®</sup> Candle Base III,  
Multiwax<sup>®</sup> Microcrystalline Waxes,  
Super White Protopet<sup>®</sup> Petrolatum,  
White Mineral Oil, and Petroleum Distillates  
are high quality components of candles.**

The chart below provides the usage and recommendations for various Sonneborn products.

| Type of Candle        | Recommended Wick*       | Recommended Product   | Use Level       | Benefit  |
|-----------------------|-------------------------|---|-----------------|--|
| <b>Pillar</b>         | Flat Braided            | Multiwax <sup>®</sup> W-445<br>Multiwax <sup>®</sup> 180-W                  | 1-3%<br>1-10%   | Imparts an opaque finish.<br>Aids in mold release.             |
| <b>Votive</b>         | Cored Wick              | Multiwax <sup>®</sup> 180-W   | 1-3%            | Helps in holding fragrance.                                    |
| <b>Container</b>      | Cored Wick is preferred | Sono Jell <sup>®</sup> Candle Base III<br>Super White Protopet <sup>®</sup> | ~ 40%<br>10-50% | Good container adhesion and fragrance retention.               |
|                       |                         | Multiwax <sup>®</sup> W-445 & 180-W   | 1-5%            | Helps in holding fragrance.                                    |
| <b>Extruded</b>       |                         | Multiwax <sup>®</sup> W-445   | 1-8%            | Helps in holding fragrance.                                    |
|                       |                         | Multiwax <sup>®</sup> 180-W   | 1-8%            | Gives a wider melting point distribution to enhance extrusion. |
| <b>Taper</b>          |                         | Multiwax <sup>®</sup> W-445 & 180-W   | 100%            | Used as an over-dip to give a smooth appearance.               |
| <b>Mottled Effect</b> |                         | Carnation, Blandol & Gloria<br>White Mineral Oil                            | 0.5-3%          | Used to give a mottled appearance to candles.                  |
| <b>Oil Candles</b>    |                         | Petroleum Distillate-23   | 100%            | Used as an odorless, clean burning fuel of sealed oil candles. |

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