

SOYLITE™
CANDLE COMPANY

Soy Candle Making

From the Makers of SoyLite Candle Company



Michael Misiolak

**Soy Candle Making From
Professional Candle Maker Soy Lite
Candle Company**
by Michael Misiolek

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1. Chapter: About The Author And Why This Book Was Made

My name is **Michael Misiolek** the reason for making this book is to cut down the learning curve on making Soy Candles.

And to save you hundred or even thousands of dollars when learning to make candles.

I can remember when I started out. Thought it would be simple to make a candle. Was I wrong. I called around and asked what is the best wax to use in making soy candles.

How much scent do you use. And of course the wick, and did not find one person that could answer my questions. You would think that the people selling candle making supplies would know how to make a great smelling and burning candle and the right size wick to use.

I spent one year wondering around buying off different sites and making candles every day for one year.

So I started out buying small quantities of everything. But still it was very hard to make a good candle. Any one can make one. **But I wanted candles that were clean burning and not over wicked or under wicked.**

What I learned was that. There are many factors that make a good candle. I would say that the wax is the first place to start.

Then the Scent. Is it compatible with Soy Wax. Do you have to much to little did you add scent at the rite temperature.

One of the important things I learned. How a candle gives **off a good scent throw is not the flame of the candle but the melt pool of the wax.**

Once you are done reading this book you will have a great understanding on how to make a Great Soy Candle and places to buy our **Soy Lite Candles and Soy Candle Kits.**

You could even turn this into a income stream. Candle make great gifts and you can give them for any occasion.

If I'm not mistaken something like 95% of all candles are purchased by women. At the end of this book I will list all the websites for you to use.

Time to begin, so sit back and I will show you what I learned from 1 year of trial and era and how **I Mastered How To Make Great Soy Candles.**

2. Chapter: Why You Should Make Your Own Candles

Making Soy Candles should not scare you. Its very easy after you get done reading this book. One of the main factors in making Soy Candles is to save money and know exactly whats in them.

The savings will be substantial that you save. I can make 2 glass jar candles with 18 oz of wax and the cost is about \$ 6.00 to \$7.00 dollars for the 2 candles. I have payed \$18.00 to \$25.00 or higher per candle. As you can see there is a **BIG SAVINGS**.

After I learned what I was doing. It got quick to make candles. I can make 12 candles in about 20 to 30 minutes. and that's waiting for the wax to cool before you pour it. **Or if you use my Advanced Soy Wax you can almost pour right away.**

I find it can be very therapeutic and relaxing to make your own candles. When I began researching on how to make candles I got frustrated with all the different choices for everything out there.

We are going to clear up all your thoughts. I think it is important to understand all this prior to learning so you can make good choices and not go down a road that will waist your time and money and get you frustrated before you ever start. Lets move on to the next part.

3. Chapter: Reason's I Use Soy Wax Over Paraffin Wax

Lets start by telling you about **Paraffin Wax** and where it comes from.

Paraffin Wax is a heavy hydrocarbon that comes from crude oil and paraffin wax's are made from crude oil. Petroleum companies "harvest" the crude oil and process it.

They refine the oil, separating the different properties into **Gasoline, Kerosene, Lubrication Oil**, and many other products. In many cases, the wax in the petroleum is considered undesirable and is refined out.

The refinery will process the wax into a clean, clear liquid, or as a solid milky white block, and make it available to companies who may have a use for it candles and other things.

Just the thought of burning Petroleum Candles did not appeal to me. I was going for a Green Answer to Candles and that's where I wanted to make Soy Candles. Don't get me wrong there are many people that will buy anything and it doesn't matter if its made of Soy or Paraffin.



Paraffin Wax In 10 LB Slab Form

Soy Wax Soy candle wax can be customized just like paraffin wax. You can add color or fragrance and make the candles exactly what you want.

The advantage is that they **burn slower and longer than paraffin candles; up to 50% longer.**

Beeswax is a great natural alternative to paraffin wax, but is very expensive.

Soy candle wax is the affordable natural alternative to paraffin. Unlike paraffin, soy is made from a renewable resource.

Soy candle wax also does not increase the CO2 levels in the atmosphere like paraffin wax does.

One advantage of soy is that is easy to clean up. Paraffin wax can be difficult to clean. It can be difficult to remove from furniture, carpets and clothing. **Soy candle wax cleans up easily with just soap and hot water.**

Soy candle wax also produces less soot than paraffin candle wax. The soot produced by paraffin candles is bad for your lungs and over time it can build up on your walls. **Soy candle wax produces 90% less soot than paraffin and it is white instead of black.**

When you burn soy wax candles you get more scent distribution as well. This is because soy wax has a lower melting point. The wax pool around the wick is larger and this is where your scent comes from. The candles are cooler burning and this also translates into faster scent dispersion.

Soy candle wax is an excellent choice for aromatherapy candles because of its properties of scent distribution. There are many scents you can use for all natural aromatherapy candles.

You can try lavender to promote relaxation and reduce your stress levels. If you need a boost of energy, you can make a soy candle with a citrus scent. Good ones to try are lemon, orange or grapefruit.

To promote a feeling of peacefulness nothing beats a vanilla scented soy candle when you are working or studying you may benefit from a candle made with basil essential oil because it improves concentration.

When you are looking for a more natural alternative to paraffin try soy candle wax when you make your candles. **It burns more slowly and is better at diffusing fragrance into a room.**

It is Eco friendly and most of the soybeans used are grown in the Midwestern United states. **They are also healthier for your family because they produce significantly less soot than traditional paraffin candles.**

Try soy candle wax in your next candle making project for a natural and beautiful candles for your home or as a great gift.

This is subject that everyone has a option on. **I have noticed on your Big Named Candles made with Paraffin Wax the jars are very Black after burning.**

Most people have no idea that they are breathing the petroleum by product. In my option and allot of other people's option the Soy is a much cleaner burning candle.



Soy Wax In Flake Form

This information should give you some back round on the 2 different forms of Wax used to make candles.

4. Chapter: What Are The Ideal Melting Temperatures For Soy Wax

You want to take it up to around 190 degrees. **This will open the wax, so scent can bind with the Wax Molecules. Soy Wax will start to melt around 120 degrees. Getting wax over 205 degrees can start to burn wax. To hot is not good.**

Once you get soy wax to 190 degrees you will add your scent and stir for a minute or so to mix scent and wax together. **With my Advanced Soy Wax you can pour around 170 which is almost right away.**

After scent has been added. You will periodically stir wax till it gets down to a temperature of 115 to 95 degrees. should not take more than 10 to 15 minutes. This step is with most traditional soy wax's . **But not my own brand.**

Some Soy wax does not like to be poured at hotter temperatures. The reason is that you tend to get rough tops. This is shrinkage. So the longer you keep it in a liquid state the less shrinkage you have on the tops. This is the case with most soy waxes. **But as I said there are some that you can pour almost right away.** It can be a real pain waiting for wax to cool when you are making allot of candles.

When we are pouring allot of candle at Soy Lite Candle. We need to get them poured fast and don't have time to be waiting for wax to cool. **That was one of the reasons for formulating our Advanced Soy Wax**

5. Chapter: Selecting the Right Wick

This Chapter could go on for ever. I had a very hard time with this starting out and there is not much information out there to help you. There are hundreds of different wicks to use and believe me. I think I own them all.

When I started out. I was looking for the perfect wick and after a year of looking. I realized there is no such thing.

Some would start out good then after a 2 hours of burning. They had large mushroom heads on wicks and smoking to much.

Then if I made the wick smaller. I could not get a good melt pool for a great scent throw. The size of the wick is determined by the diameter of the glass.

This is a subject that can drive you nuts and it did. There are many Big Named Candles on the market that burn like Crap.

A good rule of thumb is that you candle melt pool should melt at a rate of 1 inch per hour. So a 3 inch candle should have a full melt pool in 3 hours.

But with my Advanced Soy Wax you will get a full melt pool in about a hour.

One thing you should look for is a Flame does not flicker allot. This is the sign of a wick that is to big. **One that is to small will have a hare time staying lit and getting a melt pool in wax.**

The reason the Big Name Candle Makers over wick there candles, is they burn quicker and you know what that means. They sell more.

The Perfect Wick will give you a Flame does not flicker allot, and a full or close to full melt pool in a couple of hours. **Minimal smoke periodically is OK.**

I end up having a Wick made for me. So I could get what I wanted in a good burning candle. You do not have to go though this. I am selling these wicks on Amazon now. Here is the link for the both size's we have.

<https://www.soylitecandlesupplies.com/>

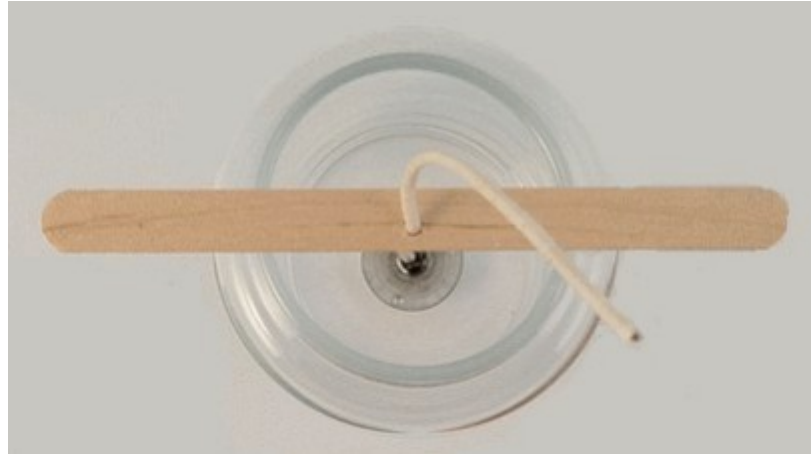
Or you could try some of the ones that were not to bad for me. RRD-Wick was one that I tried that was OK. LX-Wick was another one that was also OK.

Oh one more thing. **Soy seems to have a memory.** What do I mean by this. When you first light the candle. Let it get a full melt pool before you blow it out. I know it sounds crazy but I have seen it happen many times.

What will mostly happen is that your candle. it wants to burn with a tunnel and is harder to get full melt pool next time you light it.

When properly wicked you will get a Great Smelling and Burning Candle that burns very clean. The proof will be on the side of the Jar. You should see a much cleaner jar with Soy Wax.

Just Some Tips. You will want wick centered as close as possible to get a even burning candle. One way to do this is after you pour your wax into jar they have sticks with holes in so you can pull wick through to keep centered.



Wick Centering Stick

6. Chapter: Tools You Will Need

To start you will need a melting pot like the one we make.





Pouring Picture

You can pick up Pouring Pot For Under \$25.00 or Less

All you need to do with the Presto Melting Pot is put some water into turn on to about 200 degrees.

Next put your wax into melting pot then put into Presto Pot. Should only take about 7 to 10 minutes to melt 1 LB of wax.

Next Is A Scale



**This is a small scale that I used and works great.
The cost for this is about \$30.00 to \$40.00**

Thermometer

There are many different ones. I like the Infra Red Type. below is a picture.
The cost for this is around \$75.00



**Another Option Is A Candy Thermometer
These Run Under \$10.00**



Hot Glue Gun
This Runs Around \$10.00 To \$15.00



You are only talking about \$200.00 or so for good tools.
There is something else that they make. Glue dots. In my opinion they are worthless. The first time you try to pull the wick straight. They pull from the bottom and are loose.

The reason you want wicks tight is that when the candle burns down and you get a $\frac{1}{4}$ melt pool near the bottom. The wick will pop up and you will not be able to burn all the wax.

7. Making The Candle / How To Weigh Wax And Scent / Heating wax To Ideal Temperature

Steps To Start With For Making Your First Soy Candle:

- First Plug in Presto Pot and Hot Glue Gun. Put a couple of inches of water in bottom and set to around 200 degrees
- Next get out Scale. Turn on wait till it reads zero. Make sure it reads in ounces. Put pouring pot on, and hit tear on scale. This will zero out scale with pouring pot on it.
- Next get out the Soy Wax. I use 18 oz of wax for 2 candles. The Jar I use for this is a Libby 478 Jar. Have picture below.



- So put wax into pouring pot. Then put into hot water (The Presto Pot) that has been heating while you were measuring out wax.
- Next you will get Scale out. Turn back on and let it read zero with nothing on it. Get a small paper cup or plastic and put on scale and hit Tear so the scale reads zero with empty cup on it.
- Now for 18 oz of wax. You want to use 7% of scent per 1 Lb of wax. So get out you calculator and put in (18 oz X 7%) and you should come up with 1.26 ounces of sent to use. You do not want to go over this by much. Wax can only hold so much scent and over scent can make the candle smoke. Some new people to candle making think more is better. You can also loose scent throw with to much. 7% will give you a Great Hot and Cold Scent Throwing Candle.
- Now we will get our wick and put Hot Glue on bottom of wick and stick it to bottom of jar.

- By now your wax should be melted. You want the temperature to reach around 190 degrees. The reason for the hot temperature is so that the scent binds with the soy wax.
- Now get your scent that you measured out should be 1.26 ounces of scent, for 18 ounces of wax. Pour into hot wax and stir for a few minutes.
- Now you will stir periodically till the temperature drops to 145 to 120 degrees. Then you can pour into you glass jars. The reason is that if poured at hotter temperature you tend to get a rougher top on candle. If this happens all you need to do is get a heat gun or hair dryer and just heat top till smooth.
- I do not use color in my candles. The reason is that it could clog the wick and not burn efficient . Maybe you have noticed dark colored candles are hard to burn. The reason is that the wick gets clogged with the dye. I am looking for clean here. You are free to use if you desire.
- After your candles have been poured you should let them sit for at least 24 hours or longer before burning.

Note: The pouring temperature is for most soy wax's . I have designed my own was called Advanced Super Soy Wax to eliminate allot of the problems I found with the Soy Wax's on the market.

8. Chapter: Fragrance Tips

There are many types of fragrance out there. Some will throw better than others. As we talked about before for 1 Lb of wax you want to use 7% of scent.

There are also essential oil that is used for scent. I have very little experience with this. Good essential oil can be very expensive. And you are limited to you scent selection.

Most places will sell you scent in a 1 or 2 oz bottle for you to try. That is a good way to sample what you like.

You will get a better price when buying fragrance scent by the lb. Most 1 pound cans sell for around \$16.00 to around \$20.00

9. Chapter: Glass Jar That I Like To Use

Some common jars that are nice are. **The Libby 478** its a 12 oz Jar

(I use 18 oz of wax for 2 of these candles)

Height : 4 Inches
Diameter: 3 Inches



Libby 478 Jar

The next one is the. **Libby Lucida Jar 978** its a 22 oz Jar

(I use 36 oz of wax for 2 of these candles)

Height : 4 Inches
Diameter: 4 Inches



Libby Lucida Jar 978

This one is a taller jar. Libby Status Jar 612 its a 21 oz Jar

(I use 36 oz of wax for 2 of these candles)

Height : 6 Inches
Diameter: 3 Inches



Libby Status Jar 612

These are the ones I like the most. There are many more to choose from.

10. Chapter: Waxes That I Use For Soy Candles

- **My Own Wax.** That I Use And Sell. The reason to get my Soy Wax was. To get a superior scent throw hot and cold and one that had hardly no frosting. And great jar adhesion.

- **EcoSoya CB-135** This was a good wax that I used. I got a good scent throw this wax

- Most of the other waxes on the market I was not happy with. I have tried most of them and you can drive your self nuts. If you are wondering why there is only 2 listed here.

Its to save you time in finding the best. In the end everyone wants a good scented candle that burns the best it can with out large soot streams coming off it.

11. Chapter: Websites To Buy Products

To see our finished candles and some of the soy candle kits we sell and the wicks. Please visit our site.

<https://www.soylitecandlesupplies.com/>

I hope you have enjoyed this learning process as much as I have. This can be mastered in a very short time and you will be on your way to making great candles.

If you did like this book please refer it to others and help them in the learning process.

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