

**From:** Ciulla, Ron  
**Sent:** 07/26/2011 08:36:17 AM  
**To:** Villarreal, Carolina; Courtois, Janice  
**Subject:** FW: Uro Polypropylene Resin risk

fyi

Ronald Ciulla  
Urology & Gynecology R&D  
Boston Scientific Corporation  
100 Boston Scientific Way  
Marlborough, MA 01752  
Phone (508) 683-6380

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**From:** Ciulla, Ron  
**Sent:** Monday, July 25, 2011 10:55 AM  
**To:** Cuddy, Christopher; Raneri, Joe; Smith, Charles  
**Cc:** Curran, Sean  
**Subject:** RE: Uro Polypropylene Resin risk

I met with Sean.

The recommended tests are listed below;

1. Melt flow index
2. FTIR
3. Oxidation Index or Oxidative Induction Time

Will need resin from Luxilon to complete comparison testing.

Should anyone have questions, please ask.

Regards,

Ronald Ciulla  
Urology & Gynecology R&D  
Boston Scientific Corporation  
100 Boston Scientific Way  
Marlborough, MA 01752  
Phone (508) 683-6380

**From:** Curran, Sean  
**Sent:** Thursday, July 21, 2011 10:50 AM  
**To:** Smith, Charles; Wheeler, Mitch  
**Cc:** Vialle, George; Howe, Bob; Intoccia, Al; King, Tina; Palumbo, Michael; Kelly, Mike (Marlboro); Cuddy, Christopher; Baker, Matthew; McCullagh-Blount, Orla; Ciulla, Ron  
**Subject:** RE: Uro Polypropylene Resin risk

We can lay out a test plan that should allow us to claim equivalence pretty quickly. I will work with Ron to set it up.

Sean

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**From:** Smith, Charles  
**Sent:** Thursday, July 21, 2011 9:35 AM  
**To:** Wheeler, Mitch  
**Cc:** Vialle, George; Howe, Bob; Intoccia, Al; King, Tina; Palumbo, Michael; Kelly, Mike (Marlboro); Cuddy, Christopher; Baker, Matthew; McCullagh-Blount, Orla; Ciulla, Ron; Curran, Sean  
**Subject:** RE: Uro Polypropylene Resin risk

Mitch

There are a couple of test you can run to compare to profile of material on hand.

I just discussed with Ron. We can confirm with Sean and go with these test working with Sean to create a technical report.

We can use this for any concerns on the US based Gaylord that has been partially used as well.

Charlie

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**From:** Wheeler, Mitch  
**Sent:** Thursday, July 21, 2011 9:32 AM  
**To:** Smith, Charles  
**Cc:** Vialle, George; Howe, Bob; Intoccia, Al; King, Tina; Palumbo, Michael; Kelly, Mike (Marlboro); Cuddy, Christopher; Baker, Matthew; McCullagh-Blount, Orla  
**Subject:** Re: Uro Polypropylene Resin risk

Any way to test the resin to ensure it is not counterfeit or contaminated? Sourcing from China is risky. FTIR maybe?

Matt and Orla,

We will need to fast-track qualification of a few distributors.

On Jul 21, 2011, at 9:16 AM, "Smith, Charles" <[Charlie.Smith@bsci.com](mailto:Charlie.Smith@bsci.com)> wrote:

Bob/George

For PO, I assume we want the charged to account other than R&D as this resin will be used for production use.

That is what we did in past, I forget how we insuring cost of resin is included in final end item cost.

I can coordinate initial transfer to Luxilon on first few batch(s).

If we get supply from China we should start the discussion again on BSC site(s) for risk mitigation (not all material being at one site).

If we can get 20,000 lbs that should be 15 to 20 years worth. Current usage about 1K lbs /year. With new launches will go up some, being determined.

Charlie

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**From:** McCaslin, Todd  
**Sent:** Wednesday, July 20, 2011 6:57 PM  
**To:** Intoccia, Al; Sherry, John; Wheeler, Mitch; Batz, Helge (STP); Schwartz, Scott (STP); Bhalakia, Sujal; Smith, Charles; Charest, Ann; Vialle, George; Cuddy, Christopher; Kelly, Mike (Marlboro)  
**Cc:** McCaslin, Todd  
**Subject:** RE: Uro Polypropylene Resin risk

Minutes from today's meeting:

Attendees:

- Al Intoccia, John Sherry, George Vialle, Charlie Smith, Chris Cuddy, Scott Schwartz, Helge Batz, Ann Charest

Discussion & Action Items:

- Phillips Sumika:
- BSC had requested a "special" run of the Marlex PP resin. Phillips stated that they would have to do a separate run of the reactor, min order would be 1,000,000 lbs, priced at \$2/lb.

- Al Intoccia stated that the Division would be willing to fund this purchase if successful with Phillips. BSC does have options to sell the excess material through resin distributors. This quantity of material would also eliminate the need to do any further resin development for these products.
- BSC received feedback today from Phillips Account Mgr that they would not be willing to perform this run. Ann Charest obtained and is setting up meeting with the next level of sales management.
- *Meeting being set up with the Phillips Sales Director ASAP - Will continue to elevate. Ann & Todd*

- 3rd Party Search:

- RTI (Resin Technologies Inc) was successful in locating 2 lots of material. 1 lot of 700 lbs - virgin material - open gaylord, 1 lot of 600 lbs - contains colored flecks - could be easily be sorted per distributor.
- *Meeting with Rick from RTI tomorrow to get details for initiation of PO with Distributor - Ann & Todd*
- *Details will be directed to Charlie Smith for execution of PO*

- China Sourcing:

- Identified several distributors/brokers in China that claim to have or get the Marlex PP. One has listed 33,000 lbs in stock.
- BSC Sourcing person located in Shanghai has been contacted to help work with China resin brokers.
- *Charlie Smith to obtain digital pictures of the bags of Marlex HGX-030-01 that we currently have at Luxilon. These will be E mailed to Ann Charest for coordination with Mike Zhao. Target complete 1 - 2 days*
- *Mike Zhao to schedule trip to Guangdong Province to meet with distributor and view inventory (~3 hr flight) prior to purchase. Sourcing team to coordinate with Mike ASAP - 1 - 2 days*

Quality Requirements:

- Since this is a "deviation" from our normal process of buying sheaths from Proxy & extrusion from Luxilon, we need to understand what quality concerns and impact (if any) there are.
- *Chris Cuddy & Mitch Wheeler to develop a response/plan ASAP - target end of week*

Next Update to be sent out Friday afternoon - Meetings to be arranged if a team decision is needed or significant new is available

Let me know if you have any questions  
Todd

Todd McCaslin  
Global Sourcing Director  
Boston Scientific Corporation  
(508) 650-8337  
mccaslit@bsci.com  
Redacted (cell)

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**From:** McCaslin, Todd  
**Sent:** Wednesday, July 20, 2011 4:54 PM  
**To:** Intoccia, Al; Sherry, John; Wheeler, Mitch; Batz, Helge (STP); Schwartz, Scott (STP); Bhalakia, Sujal; Smith, Charles; Charest, Ann; Vialle, George; Cuddy, Christopher; Kelly, Mike (Marlboro)  
**Subject:** RE: Uro Polypropylene Resin risk  
**Importance:** High

Folks,  
I have attached a summary of the actions taken and current status of the search for additional resin for our meeting today at 5 PM EST.  
A few key bullets are also below.  
Please contact me if you have any questions or comments.  
Thanks,  
Todd

**Objective:**

- Find & procure additional Marlex HGX-030-01 Polypropylene resin to provide additional time for completion of resin replacement activities.

**Methods:**

- Use a multi pronged approach. 1) Contact Chevron Phillips directly - elevate to Exec level as necessary 2) Use 3rd party resin experts (RTI) 3) Contact BSC resin distributors 4) Use BSC sourcing personnel located in China 5) Contact BSC component manufacturers 6) Use Internal BSC Polymer Science & Engineering network

**Status:**

- Have taken action on all approach methods.
- Phillips Sumika: Discussed ability/willingness to produce additional material (\$2M cost). Currently unwilling - will elevate up their management chain.

- Have positive results through use of RTI (3rd party resin experts) - found 700 lbs virgin material at Domestic distributor - initiating PO. Have additional 600 lbs at same distributor that may be usable.
- Have information from BSC Sourcing in China that several distributors say they have or can acquire the material. We are investigating.

**Next Steps:**

- RTI to provide contact information to BSC to initiate PO - 7/21
- BSC Asia Sourcing to get details for purchase of China based material

<< File: Phillips Summika Marlex HGX\_030\_01 July 20.ppt >> << File: Marlex Uro Resin Search.xls >>

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**From:** McCaslin, Todd  
**Sent:** Wednesday, July 20, 2011 8:05 AM  
**To:** McCaslin, Todd; Intoccia, Al; Sherry, John; Wheeler, Mitch; Batz, Helge (STP); Schwartz, Scott (STP); Bhalakia, Sujal; Smith, Charles; Charest, Ann  
**Subject:** Uro Polypropylene Resin risk  
**When:** Wednesday, July 20, 2011 5:00 PM-5:30 PM (GMT-05:00) Eastern Time (US & Canada).  
**Where:** Con Call

Please plan to call in to review the status on our efforts to mitigate the resin supply risk.

I will send out a summary before the meeting.

Call in information:  
877-663-6338  
Code: 520661