

**From:** [Magnetic Sciences](#)  
**To:** [Robert Hummel](#)  
**Subject:** Re: DBA-Magnetic Sciences Inc  
**Date:** Thursday, October 15, 2015 1:47:51 PM

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Robert,

To get the abutter's list from assessor, do I need to ask them for the 100-foot list, or the 300-foot list?

Also, we do some light assembly, soldering, and a few times a year we also pour some epoxy compounds (the safest available) 1 gallon at a time is mixed, so if there were any spills they would never get out of the garage. So does that require any additional documentation?

Regarding retail sales, we will have a zero retail sale policy at our location as you recommend below.

Regards,

Paul Elliot, Magnetic Sciences Inc.  
367 Arlington Street, Acton, MA 01720 USA  
1-978-266-9355

**From:** [Robert Hummel](#)  
**Sent:** Thursday, 15 October, 2015 9:32 AM  
**To:** 'Magnetic Sciences'  
**Cc:** [Planning Department](#) ; [Cheryl Frazier](#)  
**Subject:** RE: DBA-Magnetic Sciences Inc

Paul,

I tried to call you to discuss one of the answers that you gave but I could get through on the number that you gave. Regarding your answer to **“Do you employ, or intend to employ, anyone for the business, other than yourself, members of your household, or another person residing at the dwelling?” Your answer was, “Yes but only on Fridays, there are 2 part-time employees who are not members of our household: one lady works here Fridays from about 10 am – 6:00 PM, and the other works Fridays from 8:30 am – 12:30 PM. Not on other days. They assemble some of the items we sell.”**

According to the Home Occupation segment in the zoning bylaw (3.8.1.2):

*A home occupation, other than retail sales, conducted entirely within the DWELLING UNIT or an accessory BUILDING by a resident and employing no persons other than the residents. In the Village Residential District, the portion of the DWELLING UNIT or accessory BUILDING used for a home occupation shall be limited to 500 square feet of NET FLOOR AREA. **The Board of Appeals may authorize by special permit a home occupation which 1) conducts retail sales, or 2) employs non-***

**From:** [Magnetic Sciences](#)  
**To:** [Robert Hummel](#)  
**Subject:** Re: DBA-Magnetic Sciences Inc  
**Date:** Friday, October 16, 2015 2:44:02 PM  
**Attachments:** [SDS\\_Hapflex 870 A.pdf](#)  
[SDS\\_Hapflex 870 B.pdf](#)

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Hi Robert,

What we want to use is small amounts of urethane material Hapflex 870B a few times per year (it's safer than epoxy) . It is classified as "Non-hazardous liquid plastic" for transportation in section 14 of the attached Safety Data Sheets for Parts A & B.

The material comes in 2 parts (A and B) which we mix here, it solidifies quickly (20 minutes) into an inert plastic. The parts A and B before mixing have the consistency of molasses and are in 1-gallon kits. So we never need to open more than a gallon at a time. Since it is thick like molasses and a small quantity, if any were to spill we can very easily clean it up off the table or floor. We usually mix and pour in the garage, only about 3 or 4 times per year. We will order about 4 gallons at a time and use most of that up within a week. It is non-hazardous to store.

The two workers always wear latex gloves for this job, and the garage is ventilated. The vendor says there is no danger from fumes to neighbors and they never need to use respirators even working within the factory where these materials are made.

I have attached the Safety Data Sheets for parts A and B.

Regards,

Paul Elliot, Magnetic Sciences Inc.

367 Arlington Street, Acton, MA 01720 USA

[www.magneticsciences.com](http://www.magneticsciences.com) 1-978-266-9355

**From:** [Robert Hummel](#)  
**Sent:** Friday, 16 October, 2015 9:10 AM  
**To:** 'Magnetic Sciences'  
**Subject:** RE: DBA-Magnetic Sciences Inc

Paul,

We measure "abutters" as surrounding abutters to your property and the abutters that are 300 ft of the surrounding abutters. If you ask for the certified abutter's list, the assessor will know all of that information. Regarding the epoxy compound, my questions are how much epoxy compound are you storing at once, what are you mixing it with, and what are main chemicals of this?

Thanks,

Robert Hummel

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**From:** Magnetic Sciences [<mailto:magnetic.sciences@verizon.net>]

**From:** [Magnetic Sciences](#)  
**To:** [Robert Hummel](#)  
**Subject:** Re: DBA-Magnetic Sciences Inc  
**Date:** Wednesday, October 21, 2015 5:57:07 PM  
**Attachments:** [SDS\\_Sympoxy\\_18752\\_A.pdf](#)  
[SDS\\_Sympoxy\\_18752\\_B.pdf](#)  
[Technical\\_Description\\_Data\\_sheet\\_for\\_Hapco\\_Sympoxy\\_18752A&B.pdf](#)

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Hi Robert,

A follow-up question: attached are Safety Data Sheets and description for epoxy material Hapco Sympoxy 18752 A & B. This is a different material than I sent you info about last week, it would be much easier to use. ***So I just wanted to check with you if this material would be ok for us to use a few times a year?*** The Aquatic Environment Hazard is shown as "Category 3" in section 2 of the attached data sheet for part A, so you mentioned that Category 3 should be ok for us to use here. The part B does not list any Aquatic Hazard.

We only mix and use it about 3-4 times per year, only 1 gallon of parts A & B opened at a time, in the garage. Since it is thick like molasses and a small quantity, if any were to spill we can very easily clean it up off the table or floor before it could get outside. We will order about 4 gallons at a time and use most of that up within a week.

The two workers always wear latex gloves for this job, and the garage is ventilated. The vendor Hapco says their workers need to use respirators even working within the factory where these materials are made since the factory is ventilated, and that there would be no danger from fumes to neighbors near our house.

Regards,

Paul Elliot, Magnetic Sciences Inc.  
367 Arlington Street, Acton, MA 01720 USA  
[www.magneticssciences.com](http://www.magneticssciences.com) 1-978-266-9355

**From:** [Robert Hummel](#)  
**Sent:** Wednesday, 21 October, 2015 3:01 PM  
**To:** '[Magnetic Sciences](#)'  
**Cc:** [Planning Department](#) ; [Cheryl Frazier](#)  
**Subject:** RE: DBA-Magnetic Sciences Inc

Paul,

We have no problem with you doing electronic assembly at your house as a DBA. Our issue was that you need a special permit from the ZBA for the two part time workers.

FYI) Manufacturing use could be located in OP-1, OP-2, PM, GI, LI, LI-1, and SM(1) by-right without any other special permit approval.

-Robert

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