**Application to the relevant hazardous substances authority (planning authority)**

**The Planning (Hazardous Substances) Act 1990 - Section 7(1)**

**England - The Planning (Hazardous Substances) Regulations 2015 (Regulation 5)**

**Wales - The Planning (Hazardous Substances) (Wales) Regulations 2015 (Regulation 5)**

## Application for Hazardous Substances Consent

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| **Applicant** | Recticel Insulation |
| Address | Enterprise way |
| | Meir Park Stoke on Trent |
| Post code | ST3 7UN |
| Telephone number | 01782 590470 |

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|---|---|
| **Person in control of the land to which the application relates, if different to above** | Henry Boot Developments Limited |
| Address | Banner Cross Hall<br>Ecclesall Road South<br>Sheffield<br>South Yorkshire |
| | |
| Post code | S11 9PD |
| Telephone number | 0114 255544 |

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|---|---|
| **Address or other location details of application site** | Recticel Insulation |
| | Enterprise Way |
| | Meir Park Stoke on Trent |
| Post code | ST3 7UN |
| OS grid ref | SJ93436 41693 |

3 **Hazardous substance(s) covered by the application**

(a) List named substances falling within Part 2 of Schedule 1 to the Regulations first, then list any substances falling within the categories in Part 1 of that Schedule; finally list substances falling within the description in Part 3.

(b) Substances falling within Parts 1 or 3 of Schedule 1 to the Regulations may be listed under the relevant category or description or named specifically. Where a substance falls within Part 1 and 2 list under Part 2 only; where a substance falls within more than one category in Part 1 list under the category which has the lowest controlled quantity. Where a substance falling within Part 1 or 2 also falls within Part 3 list under the Part which has the lowest controlled quantity. The "controlled quantity" means the quantity specified for that substance in column 2 of Parts 1, 2 or 3 of Schedule 1 to the Regulations.

Note: The Planning (Hazardous Substances) (Amendment) Regulations 2015 are relevant to Q* (addition rule) for LPG, and relevant to notes about ammonium nitrate.

Table A

| *Name, or relevant category or description of substance* | *Part number in Schedule 1 to the Regulations, and entry number if Part 2, category if Part 1, identity if Part 3* | *Do you have a current PHS consent* in respect of this substance? (Yes/No)* | *If "yes", state quantity for which consent granted* | *Maximum quantity proposed to be present in tonnes* |
|---|---|---|---|---|
| Highly Flammable liquids<br>**N** Pentane 25%<br>Isopentane 75% | P5a Category 1 | Yes<br>Coin Site ref 4043260<br>Application number SOT/HAZ/0026 | Lower Tier COMAH | To increase storage capacity on site to 49.6 Tonnes. With the provision of additional storage for future use. |

*a hazardous substances consent

## 4 Manner in which substance(s) are to be kept and used

For each substance, category or description of substance, covered by the application, provide the following information, referring to the substance location plan where appropriate.

"vessel" means any container designed or adapted to contain hazardous substances which is affixed to the land, and includes a container which forms part of plant or machinery which is affixed to the land but does not include a pipeline.

"Buried" or "Mounded" vessel includes a vessel which is only partially buried or partially mounded.

"moveable container" means any container designed or adapted to contain hazardous substances other than a vessel.

(a) Tick one box below to show whether the substance(s) will be present for storage only **or** will be stored and involved in a manufacturing, treatment or other industrial process:

*Table B*

| *Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3* | *Storage only* | *Stored and involved in an industrial process* |
|---|---|---|

| *Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3* | *Storage only* | *Stored and involved in an industrial process* |
|---|---|---|
| P5a Highly Flammable liquids<br>N Pentane 25% Isopentane 75% | | ✓ |

(b) For each vessel to be used for **storing** the substance(s) give the following information:

*Table C (i)*

| *Vessel No** | *Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3* | *Installed above ground† (Yes/No)* | *Buried (Yes/No)* | *Mounded (Yes/No)* | *Maximum capacity (cubic metres)* | *Highest vessel design temperature °C* | *Highest vessel design pressure (bar absolute)* |
|---|---|---|---|---|---|---|---|
| Existing Tank<br>Proposed 2nd Tank | P5a | | Yes | | 50<br>50 | Ground temp | 2 bar |

* identify by reference to substance location plan

† if "Yes", specify whether or not it will be provided with full secondary containment

(c) For each substance, category, or description of substance, state the largest size (capacity in cubic metres) of any **moveable** container(s) to be used for that substance, category, or description of substances:

*Table C (ii)*

| *Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3* | *Storage area on site** | *Maximum capacity (cubic metres) of individual moveable containers* |
|---|---|---|
| | | |

* identify by reference to substance location plan

(d) Where a substance, category or description of substance is to be used in a **manufacturing, treatment or other industrial process(es)**, give a general description of the process(es), describe the major items of plant which will contain the substance(s); and state the maximum quantity (in tonnes) which is liable to be present in the major items of the plant, and the maximum temperature (°C) and pressure (bar absolute) at which the substance, category or description of substance is liable to be present:

*Table D*

| *Substance including Part no. in Schedule 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3* | *Description of process(es)* | *Major items of plant** | *Max. quantity (tonnes)* | *Max. temp. (°C)* | *Max. pressure (bar absolute)* |
|---|---|---|---|---|---|
| P5a<br>See<br>On site plans<br>Existing tank<br>Proposed 2nd tank | Blowing agent for PU insulation board production | | 28 in existing tank<br>21.6 in proposed secondary tank | Below Ground temp. | 2.0 bar |

* identify by reference to substance location plan

## 5 Additional Information

(a) If you have an existing PHS consent(s) as referred to in Table A, **attach a copy of each consent** to this application.

(b) **List the maps or plans** or any explanatory scale drawings of plant/buildings submitted with this application (**as a minimum submit a site map and a substance location plan –** see **Notes** below).

App 2 Additional Tank
App 3 Ordnance Survey
App 4 Site Plan

(c) Provide a brief overview description of the **main activities** carried out or proposed to be carried out on the land to which the application relates.

Manufacture of PIR and PU insulation boards for the construction industry

(d) Provide details of how each relevant substance is proposed to be transported to and from the land to which the application relates, for example the size and frequency of vehicle deliveries, the size or maximum flow rate of pipeline imports/exports.

| *Substance including Part number in Schedule 1 to the Regulations, and entry number if Part 2, category if Part 1, identity if Part 3* | *How, and other details such as frequency and quantity, transported to and from the land to which the application relates* | |
|---|---|---|
| | *Transported to site* | *Transported from site* |
| P5a Highly Flammable liquids N Pentane 25% Isopentane 75% | 22 tonne tankers (5 per fortnight) Gravity offload only | N/A used in process |

(e) Provide details of the vicinity of the land to which the application relates, where such details are relevant to the risks or consequences of a major accident (relevant details include numbers of people in neighbouring developments that could be affected by a major accident).

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| Housing is approximately 435 meters away |

(f) Provide a brief overview of the measures taken or proposed to be taken to limit the consequences of a major accident.

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| We recognise the offload of Pentane is the highest risk of a major accident; as such the offload point will remain the same with gravity offload only, however it will offload into the second tank which will feed the original tank. The secondary tank will be built to 2017 Standards and as a minimum will have the same safety features as the current tank. With 24 hour monitoring with any leak detected stopping production and shutting the system down.<br>Full list of appendices<br>App 1 Original Consent SOT/HAZ000/26<br>App 2 Additional Tank<br>App 3 Ordnance Survey<br>App 4 Site Plan<br>App 5 Posting of notice of Application Certificate<br>App 6 Photos of displayed notices<br>App 7 Newspaper Notice<br>App 8 Copy of the notice |

(g) Give any further information which you consider to be relevant to the determination of this application.

We are planning to run at higher capacity in future to facilitate this we have discussed with our Intervention Managers from the HSE and EA. They have agreed we should increase storage capacity and advised we increase this to hold more than we currently need and then engineer it so we cannot hold more than 50 tonnes which means we would remain Lower Tier of COMAH. This allows us to eliminate the risk of overfill and future proof our business as we can then look at increasing storage and moving to Upper Tier COMAH should we need to.

I/We hereby apply for hazardous substances consent in accordance with the proposals described in the application

Signed [redacted]

on behalf of Rechicel Ltd.

(insert name of person in control of the land if different to applicant)

Date 28.7.17

To be accompanied by the notices and certificates required by regulations 6 and 7 of the Regulations.

**Notes**

"**Site map**" is a map, reproduced from, or based on, an Ordnance Survey map with a scale of not less than 1:10,000, which identifies the land to which the application relates and shows National Grid lines and reference numbers.

"**Substance location plan**" is a plan of the land to which the application relates, drawn to a scale of not less than 1:2,500, which identifies-

(a) any area of land intended to be used for the storage of the substance;
(b) where the substance is to be used in a manufacturing, treatment or other industrial process, the location of the major items of plant involved in that process in which the substance will be present; and
(c) access points to and from the land.