

**Corby Borough Council**  
Environmental Services  
Working towards a Cleaner Environment

# ENVIRONMENTAL PERMIT

Environmental Permitting Regulations 2010  
(as amended)

Installation Address

Saint-Gobain High Performance Materials UK  
trading as  
Saint-Gobain Performance Plastics Corby  
13 Earlstrees Road  
Corby  
Northants  
NN17 4NP

Saint-Gobain High Performance Materials UK trading as Saint-Gobain Performance Plastics Corby is hereby permitted by Corby Borough Council to carry on an Adhesive Coating Process as prescribed in Section 6.4 part B, of Schedule 1, of the Environmental Permitting Regulations 2010 (as amended) as described below and within the installation boundary as marked red on the attached plan and in accordance with this Permit.

Signed:



Date:

8 February 2017

Contact Details:

Corby Borough Council, Planning and Environmental Services,  
Deene House, New Post Office Square, Corby, Northants,  
NN17 1GD

Tel: 01536 464075 Fax: 01536 464644

<b>Permit Holder:</b>	<b>Saint-Gobain Performance Plastics Corby</b>
Installation Address:	13 Earlstrees Road Corby Northants NN17 4NP
Registered Address of Company:	Saint-Gobain House Binley Business Park Coventry CV3 2TT

<b>Provenance</b>	<b>Date</b>
Application for Authorisation (EPA 90)	28 <sup>th</sup> September 1992
Authorisation issued	15 <sup>th</sup> October 1993
Permit 'deemed' application	1st April 2004
Permit Issued (P18)	1 <sup>st</sup> April 2004
Revised Permit issued (P18/2)	3 <sup>rd</sup> July 2006
Varied Permit issued (P18/3)	20 <sup>th</sup> September 2011
Varied Permit Issued (P18/4)	19 <sup>th</sup> October 2012
Varied Permit Issued (P18/5)	16 <sup>th</sup> November 2015
Permit transferred	8 <sup>th</sup> February 2017

### **Process Description**

The installation operates an adhesive coating process manufacturing pressure sensitive self adhesive tapes.

The main plant items are listed below:

One Hayden Thermal Oxidiser.

One Ross VCM-10 mixer

One adhesive coating machine.

Eight curing ovens.

One solvent cleaning bath.

The process involves pumping adhesive solutions from premixed containers, or from a self contained mixer, into the adhesive coating machine, where it is applied to various substrates. The coated substrates pass through a series of 8 curing ovens.

All emissions from the process, including from the self contained mixer, the application site within the coating machine and the curing ovens are abated by discharging to air through the Hayden thermal oxidiser.

**The conditions contained within this Permit are based upon Guidance Note PG 6/32 (11), "Adhesive Coating Processes" revised June 2014.**

The requirements of the conditions attached to this permit shall come into effect on the date indicated in the individual condition or if no date is indicated shall take effect forthwith.

#### **Visible and odorous emissions**

1. All emissions to air shall be free from droplets.
2. All other releases to air, other than condensed water vapour, shall be free from persistent visible emissions.
3. All emissions shall be free from offensive odour outside the site boundary as shown in the site plan.
4. During start up and shut down of the coating plant the emissions shall not exceed the equivalent of Ringelmann Shade 1 as described in BS 2742:2009.
5. The number of start-up and shut-downs shall be kept to a minimum that is reasonably practicable.

#### **Emission Limits**

6. Emissions from the thermal oxidiser are limited to 50mg C/Nm<sup>3</sup> monitored by continuous monitoring and recording, and annual manual extractive testing with a fugitive emission value of 20% of organic solvent input.
7. The introduction of dilution air to achieve emission limits is not permitted.

#### **Monitoring, Investigating and Reporting**

8. The operator shall keep records of all inspections, assessments and monitoring including all non continuous monitoring, inspections and visual and olfactory assessments. The record shall include the time and date of the assessment, the result, and the name of the person undertaking the assessment. The records shall be kept on site for a minimum of 4 years and made available for the Regulator to examine on request.

#### **Continuous monitoring**

9. All continuous monitoring readings shall be on display to appropriately trained staff.
10. All continuous monitors shall be operated, maintained and calibrated in accordance with the manufacturers' instructions which shall be made available to the Regulator on request.

#### **Compliance monitoring**

11. Annual extractive testing shall be obtained over a minimum of 2 hours of normal operation and at least 3 results shall be obtained.

12. The Operator shall notify the Regulator at least 7 days before any periodic monitoring exercise to determine compliance with emission limit values. The Operator shall state the provisional time and date of monitoring, pollutants to be tested and the methods to be used.
13. The results of non – continuous emission testing shall be forwarded to the Regulator within 8 weeks of completion.
14. Adverse results from any monitoring activity (both continuous and non-continuous) shall be investigated by the Operator as soon as the monitoring data has been obtained. The Operator shall identify the cause and take corrective action, clearly record as much detail as possible regarding the cause and extent of the problem, the remedial action taken, and re-test to demonstrate compliance as soon as possible. The Regulator shall be informed of the steps taken and the re-test results.

#### **VOC Control**

15. A programme to monitor and record the consumption of adhesives and organic solvent against product produced shall be used to minimise the amount of excess organic solvent and adhesive used, a copy of which shall be made available to the Regulator on request.

#### **Determination of solvent consumption**

16. A determination of the organic solvent consumption; the total mass of organic solvent inputs minus any solvents sent for reuse/recovery off-site, shall be made and submitted to the Regulator on 1<sup>st</sup> November each year. This should be in the form of a mass balance in order to determine the annual actual consumption of organic solvent (C):

Where: C = I1- O8 (*see the definitions in paragraph 4.3 of the Process Guidance Note 6/32 (11) Statutory guidance for adhesive coating revised June 2014*)

17. At no time shall the Operator introduce any substance or preparation into the installation that is labelled with the risk phrase of R40, R45, R46, R49, R60 or R61, without the prior written consent of the Regulator. If a suitable replacement for a substance or preparation already in use is not available then a statement of enquiry showing the efforts made to source a suitable replacement shall be submitted to the Regulator on the 1st of November each year.

#### **Materials Handling**

18. All potentially odorous waste materials shall be stored in suitable containers or bulk storage vessels.
19. Storage areas for drummed organic solvents or materials containing organic solvents, including wastes, shall be provided with spillage containment kerbs or within suitably bunded walls or in an area suitably protected by a sump/interceptor. All drums shall be kept tightly lidded.

20. Bunding shall completely surround the liquid storage tanks, be impervious and resistant to liquids in storage, and capable of holding 110% of the capacity of the largest storage tanks.
21. All organic solvent wastes and materials soaked in organic solvents which are likely to evaporate must be disposed of in sealed receptacles or bags.
22. Coatings containing VOC's shall be stored in closed storage containers.
23. The cleaning bath shall be kept covered when not in use.
24. Cleaning operations involving organic solvent shall be periodically reviewed, at least once every two years, to identify opportunities for reducing VOC emissions. The Regulator shall be provided with a report on the conclusions of the review on the 1<sup>st</sup> November every even year.
25. Fixed equipment shall be cleaned in-situ, and be kept closed whilst cleaning is carried out.
26. Adequate provisions should be made for the containment of liquid and solid spillages. All spillages shall be cleared up as soon as possible using appropriate techniques. Dry sweeping of solid spillages should not be permitted in circumstances where it may lead to the emission of visible dust.

#### **Chimney, vents and process exhausts**

27. The Operator shall ensure that relevant stacks or ducts are fitted with facilities for sampling which allow compliance with the sampling standards.
28. Flues and ductwork shall be cleaned to prevent accumulation of materials, as part of the routine maintenance programme.
29. All emissions from the adhesive coating process shall be to atmosphere via the Hayden Thermal Oxidiser connected to the extract ducting and interlocked with the process so as to minimise solvent releases to atmosphere.

#### **Maintenance**

30. The Operator shall have the following available for inspection by the Regulator on request:
  - a. a written maintenance programme for all pollution control equipment and
  - b. a record of all maintenance that has been undertaken
31. Spares and consumables – in particular, those subject to continual wear - shall be held on site or available at short notice from a guaranteed supplier in order for plant breakdowns to be rectified rapidly.

#### **Training**

32. All staff whose functions could impact on air emissions from the activity shall received appropriate training on those functions to include:
  - a. Awareness of their responsibilities under the permit:

- b. Steps that are necessary to minimise emissions during start up and shut down:
- c. Actions to be taken where there are abnormal conditions, accidents or spillages that could, if not controlled, result in emissions.

33. The operator shall maintain a statement of training requirements for each post with the above-mentioned functions and keep a record of the training received by each person. The documents shall be retained for two years and be made available to the Regulator on request.

#### **Best available techniques**

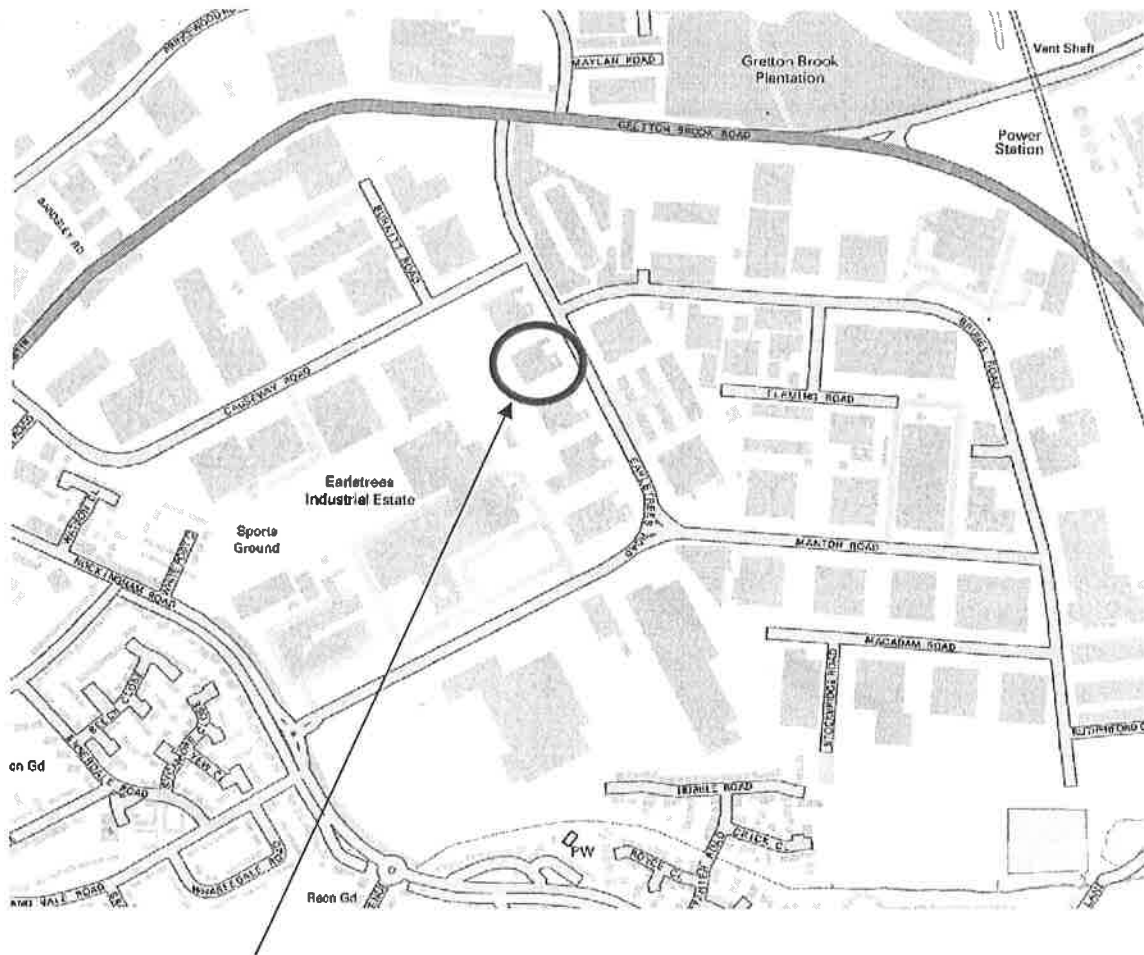
34. The best available techniques shall be used to prevent or, where that is not practicable, reduce emissions from the installation in relation to any aspect of the operation of the installation which is not regulated by any other condition of this permit.

#### **Right to appeal**

You have the right of appeal against this permit within 6 months of the date of the decision. The Council can tell you how to appeal. You will normally be expected to pay your own expenses during an appeal. You will be liable for prosecution if you fail to comply with the conditions of this permit. If found guilty, the maximum penalty for each offence if prosecuted in a Magistrates Court is £50,000 and/or 6 months imprisonment. In a Crown Court it is an unlimited fine and/or 5 years imprisonment.

Our enforcement of your permit will be in accordance with the Regulators' Compliance Code.

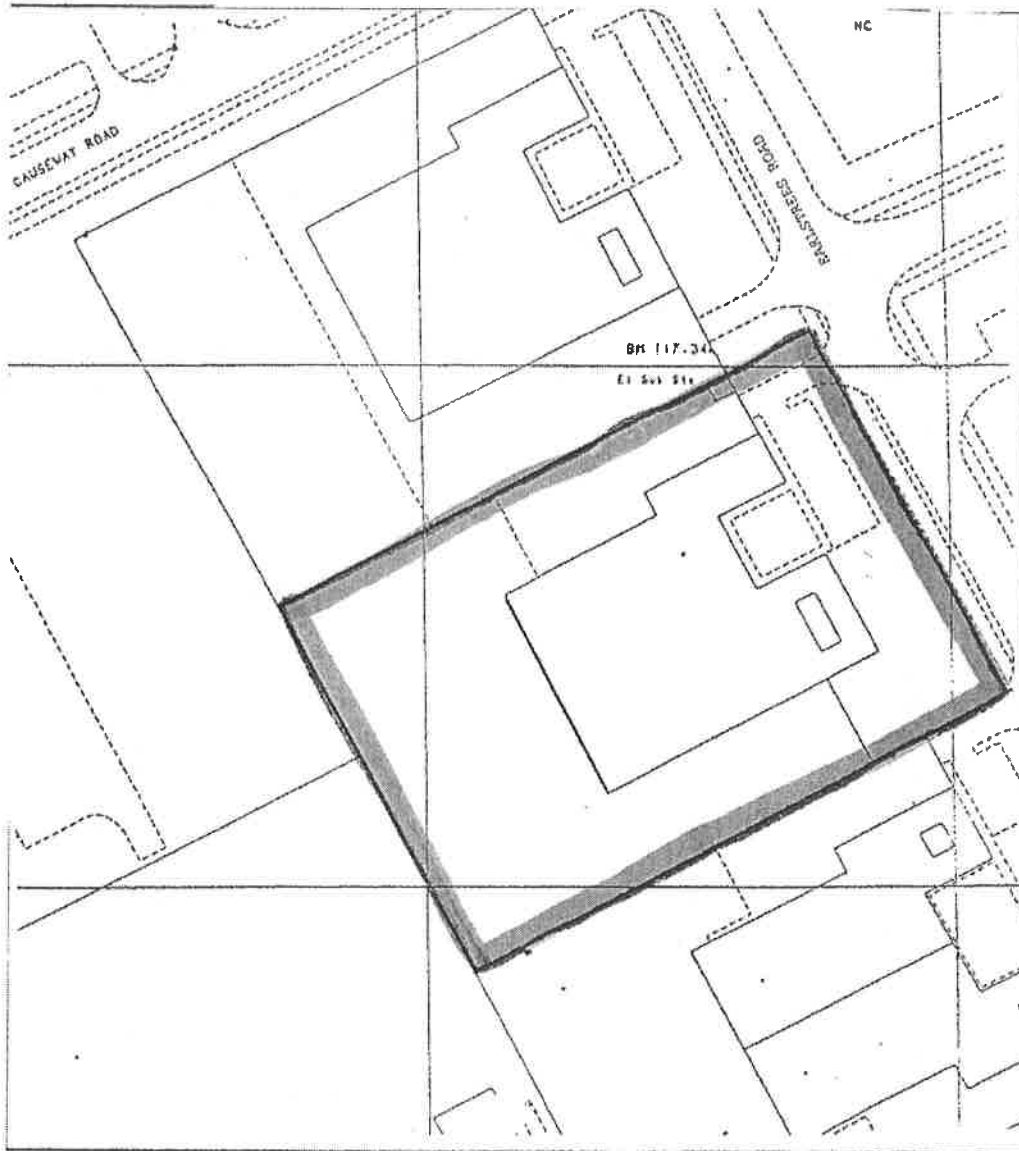
## Location plan



**Saint Gobain Performance Plastics**  
**13 Earlstrees Road**  
**Corby**  
**Northants**  
**NN17 4NP**

**Site Plan**

———— Site boundary in red



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13 Earlstrees Road  
Corby  
Northants**