

Adhesive Applications, Inc Fact Sheet

Applicant and Site Address:

Adhesive Applications, Inc.
41 O'Neill Street
Easthampton, MA

Background: Adhesive Applications, Inc. manufactures pressure sensitive industrial tape. Their polyethylene foam tapes are coated with high performance rubber-based or acrylic-based adhesives. Their end-product users include automotive, electronic, plastics molders and extruders, appliance, furniture, window, and door manufacturers. Their tape products are thick, closed-cell polyethylene foam, coated with high-performance solvent-based adhesive with either a synthetic rubber or an acrylic base; they are manufactured in a completely integrated manufacturing environment. In addition, Adhesive Applications has developed a line of removable products, with permanent adhesive on one side and removable adhesive on the other, as well as removable adhesive on both sides.

Proposed: Adhesive Applications, Inc has been producing adhesive foam and tape products since the 1980s. Through the adhesive manufacturing process, volatile organic compounds (VOCs) are emitted during the curing of the adhesives. Some of these VOCs are also hazardous air pollutants (HAPs). These emissions are captured within an enclosure and routed to the regenerative thermal oxidizer (RTO) to destroy the VOCs.

The proposed upgraded equipment is a new 3.1 MMBtu/hr RTO which will replace two existing RTOs. The project will reduce existing emissions from the facility due to the improvement in VOC destruction and higher thermal efficiency of the unit.

Due to the increased efficiency of the new RTO, this installation will decrease the actual impacts from the source by reducing emissions resulting in improved air quality in the community. The proposed equipment will have to meet the VOC destruction efficiency established as Best Available Control Technology (often referred to as "BACT") which considers energy, environmental and economic impacts.

This application is being reviewed by MassDEP staff to ensure the facility will not increase any noise or pollutant impacts for the controlled manufacturing process. If MassDEP finds that the application meets all requirements, a Draft Plan Approval will be issued for public comment.

Instructions on how to find the online application for *Adhesive Applications Inc* are included below. The website link below brings you to a public portal to review all online permit applications in the state.

<https://eeaonline.eea.state.ma.us/EEA/PublicApp/>

Enter the following information into the search:

In site name: **Adhesive Applications**

Location city: **Easthampton**

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And you will see:

	Site Name/Park Name	Record Type	Category	Project Name	City	Application	Date
1	ADHESIVE APPLICATIONS I...	AQ02P	Application	Plan Approval Non-Major Comprehensive	EASTHAMPTON	08/09/2022	
2	ADHESIVE APPLICATIONS I... David Paul Horowitz	Limited Plan Approval Process	Authorization	Plan Approval Limited	EASTHAMPTON	06/30/2017	
3	ADHESIVE APPLICATIONS I... David Paul Horowitz	Limited Plan Approval Process	Application	Plan Approval Limited	EASTHAMPTON	05/02/2017	

Click on the top application for Adhesive Applications, with the applications date (far right column) of 08/09/22. You will see a list of documents that have been submitted as the application and supporting technical information. The other applications listed are for previous applications by the facility which have already been approved.