

ITW Performance Polymers Fact Sheet March 15, 2022

Who Is ITW Performance Polymers?

- ITW Performance Polymers is a division of Illinois Tool Works. Illinois Tool Works (ITW) is a Fortune 500 corporation with headquarters in Glenview, Illinois. ITW Performance Polymers is a division in the Polymers and Fluids segment of ITW. The ITW Performance Polymers division consists of facilities in Danvers, MA, Montgomeryville, PA, Clearwater, FL, Shannon, Ireland, and Aalborg, Denmark. Divisional headquarters is in Danvers, MA.
- ITW Performance Polymers' Danvers, MA facility consists of manufacturing, laboratory, and office functions. The facility produces adhesives, repair products, abrasion resistant compounds, coatings, and other products. The facility employs approximately 85 people.

What services are provided to ITW Performance Polymers' customers?

- As an international supplier, ITW Performance Polymers develops and manufactures highly engineered adhesives, repair products, coatings, and other products. A sample of the products produced at the Danvers, MA facility include:
 - Adhesives for car, truck, and bus manufacturers.
 - Adhesives for construction applications.
 - Abrasion resistant compounds used to repair/protect mining equipment.
 - Repair compounds used to repair metal, concrete, rubber, and other surfaces.
 - Chemical resistant coatings.

What is ITW Performance Polymers' Environmental Compliance History?

- ITW Performance Polymers commenced operation at the current Danvers, MA site in 1954. The original building, 1800 sq ft, has grown to 120,000 sq ft over time. The building includes manufacturing, office, and laboratory space.
- ITW Performance Polymers has had an air permit since the 1990's.
- In the early 2000's, a roto-concentrator/thermal oxidizer (designated PCD-1) was installed to capture emissions from our Plexus production area. Plexus products use methyl methacrylate as a key ingredient.
- ITW Performance Polymer's latest Air Quality plan approval involving mixers was issued on January 28, 2008.
- In August 2021, ITW Performance Polymers was inspected by the MassDEP to ensure compliance with the Air Operating Permit. No violations were noted.
- In November 2021, ITW Performance Polymers conducted a stack test of the roto-concentrator/ thermal oxidizer as required every three years per the conditions of our air permit. The MassDEP witnessed the testing and the testing

results showed that the pollution prevention mitigation system was working as designed and required.

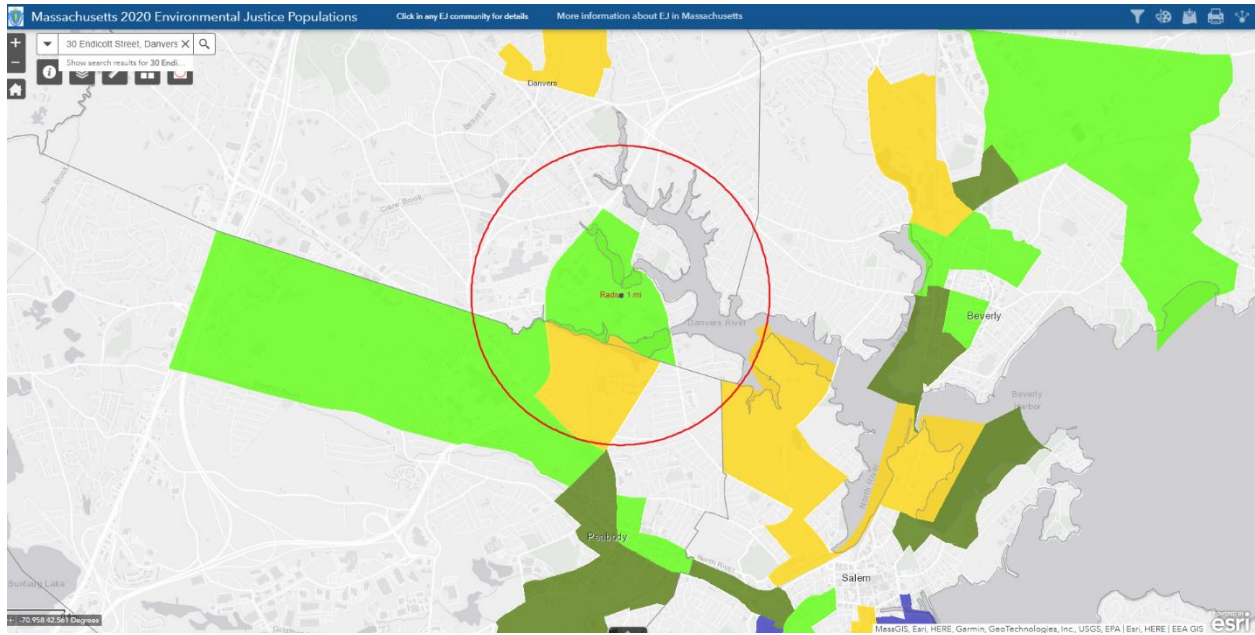
- ITW Performance Polymers is periodically audited and inspected by MassDEP to ensure environmental programs (air, waste, storm water, etc.) are in compliance with State and Federal rules and regulations. The Endicott Street facility is a large generator of hazardous waste and a major source of air emissions.

What are ITW Performance Polymer's Current and Proposed Operations?

- Current operations include blending of various raw materials to produce adhesives, repair compounds, abrasion resistant compounds, coatings, and other products. Production consists of mixing ingredients in large tanks and then filling drums/pails/cans with the finished product.
- To meet current and future business needs, ITW Performance Polymers is proposing to add two – 200 gallon Hockmeyer mixing machines (American made) to accommodate the growth in demand for new and existing product offerings. The addition of the new mixing machines will provide additional manufacturing capacity for our Plexus line of adhesives. The mixing machines will be in a room that is currently being used by our technical service department (who will vacate the space). The room is equipped with ventilation that routes to our roto-concentrator/thermal oxidizer. The mixing machines will employ permanent total enclosure during the mixing cycle. The process, equipment and operation incorporate international best practices and has been designed with pollution-prevention as a key driver. The addition of these two mixing machines will not result in an increase of the emission limits that were previously established within the January 28, 2008 approval.
- The new mixing machines will be located in an area currently occupied by the technical service department (who will vacate the area). Emissions from the mixing machines will be exhausted to our roto-concentrator/thermal oxidizer.
- ITW Performance Polymers submitted a non-major comprehensive air plan to the Massachusetts Department of Environmental Protection (MassDEP) and is working with the Mass DEP for approval.

Public Involvement and Impact of this Project:

- MassDEP is reviewing the Permit Application (the application can be found online at the MassDEP website: <https://eeaonline.eea.state.ma.us/EEA/PublicApp/>, (use MS Edge browser) then search by "ITW Performance Polymers") from ITW Performance Polymers and will consider public input in that process. Only the facility's addition of the new mixing machines is subject to the public process. The facility's existing emission limits established in its Air Operating Permit are not subject to review or public input.
- Any questions or comments pertaining to the ITW Performance Polymers plan application should be directed to Edward J. Braczyk, Permit Chief, Bureau of Air and Waste at Edward.Braczyk@mass.gov.



ITW Performance Polymers, 30 Endicott St, Danvers, MA – One mile radius from facility map