

## Industrial Solid Waste Fact Sheet

# Non-Recyclable Plastics- Category 24

### Definition

Occasionally, commercial and industrial businesses will generate plastic waste materials that are unacceptable to recycling brokers. For example, used plastic products which cannot be adequately or economically cleaned would be rejected, as would plastics with incompatible resin content or those for which a recycling process has not yet been formulated. Typically, these materials have high energy content and are suitable for energy recovery. Olmsted County will accept only cured plastic waste materials.

### Special Disposal Conditions

If the waste material cannot be reused or recycled, it will be directed to the Olmsted County Kalmar Landfill or the Olmsted County Waste-to-Energy Facility (OWEF) for final disposal, depending on the waste material's combustion properties.

### Generator Requirements

A current, approved Industrial Solid Waste Evaluation Form must be on file with the Olmsted County Environmental Resources Department. If the plastic material was used in an application that could result in it being potentially considered infectious waste, a letter must be on file with the Olmsted County Environmental Resources Department which certifies that any such material(s) will be de-contaminated prior to delivery.

### Procedures

#### Typical Delivery types

- roll-off boxes
- drums and bags

#### Background

Occasionally, commercial and industrial businesses will generate plastic waste materials that are unacceptable to recycling brokers. For example, used plastic products which cannot be adequately or economically cleaned would be rejected, as would plastics with incompatible resin content or those for which a recycling process has not yet been formulated. Typically, these materials have high energy content and are suitable for energy recovery. Olmsted County will accept only cured plastic waste materials.

**Disposal**

If the waste material cannot be reused or recycled, it will be directed to the Olmsted County Kalmar Landfill or the Olmsted County Waste-to-Energy Facility (OWEF) for final disposal, depending on the waste material's combustion properties.

**Testing Requirements**

In general, no analytical testing of the waste material is required; however, additional testing may be required under certain circumstances to ensure 1) the waste material is not a regulated hazardous waste and 2) the waste material is acceptable for disposal at an Olmsted County solid waste management facility. For example, if the plastic waste materials have once contained or been used to filter other materials, an assessment of all pertinent materials will be made, including reviewing the Material Safety Data Sheets (MSDSs) for all pertinent chemical substances. As a result of the initial assessment, analytical testing may be required.

**Documentation**

A current, approved Industrial Solid Waste Evaluation Form must be on file with the Olmsted County Environmental Resources Department. The waste hauler must present a current, approved Non-Hazardous Industrial Solid Waste Tracking Form at the time of delivery.

**Special Generator Requirements**

If, at any time, the plastic material was used in an application that could result in it being potentially considered infectious waste, a letter must be on file with the Olmsted County Environmental Resources Department which certifies that any such material(s) will be rendered non-infectious prior to delivery for disposal and specifying the method(s) used to accomplish this. Plastic waste materials that were previously considered infectious waste and have been decontaminated may be accepted in category 29.