

# Industrial Solid Waste Fact Sheet

## Resins- Category 11

(Epoxy, Fiberglass, Urethane, Polyurethane)

### Definition

Waste materials in this category include products comprised of cured resins such as utility poles, containers, etc. The waste must be fully cured and hardened to be approved for disposal at an Olmsted County solid waste management facility. Fully cured wastes are not odorous, warm, or sticky to the touch.

### Special Disposal Conditions

Waste materials are directed to the Olmsted County Waste-to-Energy Facility unless the waste consists primarily of fiberglass. To prevent the buildup of slag on OWEF's grates, fiberglass material is directed to the Kalmar Landfill for disposal.

### Generator Requirements

Waste materials that are odorous, contain free liquids, or are warm or sticky cannot be accepted. Any fiberglass dust must be adequately enclosed in containers. Empty containers must be punctured or possess removable lids.

### Procedures

#### Typical Delivery types

- roll-off boxes
- small dumpsters

#### Background

Waste materials in this category must be fully cured and hardened in order to be approved for disposal at an Olmsted County solid waste management facility. Fully cured wastes are not odorous, warm, or sticky to the touch. Inhalation of fiberglass dust can be hazardous to human health, in particular to the respiratory system; therefore, waste materials that are not fully cured or hardened, or contain dust encapsulated inside a container, will not be accepted at any Olmsted County solid waste management facility in order to protect employee health. Waste materials in this category include products comprised of cured resins such as utility poles, containers, etc.

#### Disposal

Waste materials in this category will be directed to the Olmsted Waste-to-Energy Facility (OWEF) for disposal, unless the waste materials consist principally of fiberglass. To prevent a build-up of slag on OWEF's grates, waste materials that consist primarily of fiberglass will be

directed to the Olmsted County Kalmar Landfill for disposal. Generators are encouraged to explore the possibility of reusing or recovering energy from waste materials in this category.

### **Testing Requirements**

Unless complete documentation exists to adequately characterize the waste material (through knowledge of the waste and its characteristics), waste generators must evaluate the waste using the Toxicity Characteristics Leaching Procedure (TCLP) for those parameters (i.e., volatile and semi-volatile organic constituents) that can reasonably be expected to be present. Under certain circumstances, additional testing may be required 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. If available, Material Safety Data Sheets (MSDSs) must be provided.

### **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**

Waste materials that are odorous, contain free liquids, or are warm or sticky cannot be accepted. Generators must cure and harden fully all resins. Any fiberglass dust must be containerized adequately. Empty containers must be punctured or possess removable lids.