

WASTE/MATERIAL PROFILE FORM
Profile #:

Debris Waste Streams for Microencapsulation

(From Question G3 and H5)

Debris Certification

Legal treatment of debris by microencapsulation requires compliance with EPA rules (40 CFR 268.2(g) and (h)):

- EPA requires debris must be a solid. Liquids may not be treated by microencapsulation.
- EPA requires debris must be greater than 60 mm in any one dimension (2.5 inches).
- EPA requires debris must be one of the following: manufactured objects; plant or animal matter; natural geologic material. If waste does not fit one of these descriptions, it should not be profiled for microencapsulation.
- EPA has specifically defined the following as NOT debris so EPA will not allow to be treated by microencapsulation: lead acid batteries, cadmium batteries; radioactive lead solids; process residuals (such as smelter slag and residues from the treatment of waste, wastewater, sludge's, or air emission residues); intact containers of hazardous waste that are not ruptured and that retain at least 75% of their original volume (ruptured containers that retain < 75% of their original volume are debris and may be shipped for microencapsulation if specified in the waste profile).
- EPA does not allow non-debris to be added to debris and treated by microencapsulation even if the portion that is debris is greater than 50% of the volume.
- When debris and non-debris are co-generated inherently combined (but not intentionally mixed), the portion of waste that is debris must be greater than 50% of the volume to be treated by microencapsulation.
- Land Disposal Restriction (LDR) notification forms must indicate that the waste is to be treated to comply with 40 CFR 268.45 (alternative treatment standards for hazardous debris).

Our permit requires all wastes be visually inspected onsite. This means waste may not be placed in containers or be packaging within outer containers that prevent USEM staff from observing the waste contents. This includes, but is not limited to, waste inside intact, opaque trash bags inside non-bulk or bulk containers, and waste inside intact non-bulk containers (e.g. drums, supersacks) inside bulk containers. Clear trash bags allowing for visual inspection of the waste is permitted.

Please alert us if your debris includes oxidizers (D001), flammables (D001) or anything potentially reactive (D003) in order to ensure safe and compliant processing of your waste. If you are not sure whether your waste qualifies for microencapsulation, please contact us at 800-592-5489.

I certify that personnel directly responsible for placing waste into containers to be shipped to US Ecology for microencapsulation treatment have reviewed this form.

Print Name:
Signature:
Title:
Company:
Date: