

# Customer Bulletin

**Product Model Name: 12 inch Media**  
**Date: November 2005**  
**Reference ECO No: N/A**

## Reason for Bulletin

This bulletin describes how to dispose of WORM 12 inch optical media.

## Composition of Media

Since disposal regulations vary, and can change, this bulletin provides information about the chemical composition of media rather than specific disposal requirements. Use this information to ensure compliance with local regulations.

The main concern is the toxicity of the sputtered alloy layer. This layer is very thin, and the chemicals are in elemental form, which is considered safer than compounds. This layer is made up of a tellurium alloy. Broken disks can be safely handled and wrapped in paper or plastic for disposal. However, while this alloy is not highly toxic, Plasmon recommends washing hands after handling a broken disk to prevent ingestion.

The table below shows the composition of WORM 12 inch media platters (minus the cartridge), with approximate weights.

| Description                 | Weight (grams) | Percent |
|-----------------------------|----------------|---------|
| Glass                       | 403 g          | 89.2%   |
| Inner Metal Insert          | 31 g           | 6.9%    |
| Epoxy Adhesive              | 2 g            | 0.4%    |
| Aluminum Ring               | 15 g           | 3.3%    |
| Lacquer and Sputtered Layer | < 0.1 g        | 0.1%    |
| Lead Balance                | < 1 g          | 0.1%    |

See the next page for disposal guidelines.

## Disposal of Media

To permanently destroy existing data on a disk it must be broken into pieces, and the pieces must be detached from the surface coating. Otherwise there is a slight possibility of reading the disk with a special drive.

To destroy the disk, remove it from the cartridge and fracture the surface in several places using a hammer and/or a sharp instrument. For safety, wear eye protection and place the disk in an appropriate container for breaking. Take particular care to avoid injury from sharp edges. Wash hands after handling a broken disk.

The hub and cartridge can be recycled

Plasmon, UK also accepts the return of intact media for disposal under proper conditions.

### **Contact Information for Technical Questions:**

#### **Americas and Asia Pacific**

Plasmon Technical Support Team  
United States Calls: 1-877-585-6793  
International Calls: 1-719-593-4437  
Fax: 1-719-593-4192  
Email: [tech.support@plasmon.com](mailto:tech.support@plasmon.com)  
Internet: [www.plasmon.com](http://www.plasmon.com)

#### **Europe, Africa, and Middle East**

Plasmon Technical Support Team  
United States Calls: +44 (0) 1763 262 963  
Fax: +44 (0) 1763 264 407  
Email: [support@plasmon.co.uk](mailto:support@plasmon.co.uk)  
Internet: [www.plasmon.co.uk](http://www.plasmon.co.uk)