Information on Environmental Impact of

KODAK PROFESSIONAL ENDURA Media

Kodak Alaris is committed to reducing the environmental, health and safety impacts of our products across their lifecycles including sustainable end-of-life management. KODAK PROFESSIONAL ENDURA Products are designed to meet these commitments.

Environment, Health & Safety

A. KODAK PROFESSIONAL ENDURA Media Product Stewardship

- Gelatin
  - Obtained from various animal byproducts, commonly used in food and pharmaceuticals
  - In ENDURA Media it's used as a binding agent to encapsulate the image dyes
- Silver
  - Sustainable up to 99% recoverable from product
  - See more information below in photochemistry section
- Paper Base Material
  - Endura papers use 100% Eucalyptus pulp which is Forest Stewardship Council (FSC) controlled wood certified. This is a fast growing, sustainably produced forest product
  - High purity Polyethylene resin used for high paper whiteness and manufacturability

Click for RC Paper Article Information Sheet Kodak Alaris RC Papers

- Film Base Material
  - ENDURA display materials use a high purity Polyethylene Terephthalate (PET), which maximizes image quality and surface uniformity and is a common recyclable plastic

Click for ESTAR Film Article Information Sheet Kodak Alaris ESTAR Film

B. ENDURA Product Reuse, Recycling, Recovery & Disposal

- Product Packaging
    - Our corrugated packaging and film and paper cores contain 60-100% post-consumer recycled content and can be recycled

- ENDURA Paper Products
    - The most environmentally responsible method of handling disposal for these materials is via incineration with or without energy recovery

    - If suitable incineration facilities are unavailable; prints may be disposed of in a landfill without any risk of adverse environmental effects

- ENDURA Display Materials
    - They are not classified as hazardous and may be recycled along with other plastics where facilities exist

    - If recycling is not an option these films can be incinerated with (preferable) or without energy recovery. If recycling or incineration is not possible, these materials can be disposed of by landfill without any risk of adverse environmental effects

Click for information on product recycling, recovery & disposal

Product Recycling, Recovery and Disposal

C. Photochemistry Recovery and Reuse

- Silver in ENDURA media is recoverable from product and can be reused
- Silver from ENDURA media processing effluent is up to 99% recoverable through silver recovery processes
- Remaining effluent has silver levels that generally meet local sewer use codes and is readily treatable in municipal wastewater treatment systems

Click for information on Recovering Silver from Photographic Processing Solutions

Recovering Silver from Photographic Processes

D. Photochemistry Effluent and Regeneration

- Process RA4 for ENDURA media is designed for low replenishment rates to minimize effluent and environmental impact
- Developer available for regeneration that allows for the recycling and reuse of nearly 100% of the effluent
- Bleach/fix is designed for an extremely low replenishment rates to minimize effluent and maximize silver recovery
- Low water wash option with silver recovery
- No water wash option with silver recovery

Click for information on the Process RA4 Z-130 manual link Process RA4 Z-130

This information is provided to help you understand the environmental advantages of ENDURA media, and how it is part of the Kodak Alaris commitment to the environment

Click for information on Kodak Alaris Environment, Health & Safety programs

Kodak Alaris Environmental, Health and Safety

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