



hp C4191A printing
supplies

environmental
profile

published
4/29/2002

Hewlett-Packard Company
LaserJet Printing Supplies/Imaging and Printing Systems
11311 Chinden Blvd.
Boise, ID 83714
USA

product description

Model(s): C4191A

Compatible hp printer(s): Color LaserJet 4500, 4500N, 4500DN

Expected lifespan: 9,000 pages (assumes 5% page coverage)

**environmental
certifications**

Factories where this product is manufactured are certified to meet the requirements of ISO 14001—the international standard for environmental management systems.

- Hp print cartridges for HP LaserJet printers are produced by qualified suppliers with factories in Japan, China, France and the United States. All of these factories are certified by independent auditors to meet the requirements of ISO 14001.

other features

Hp has designed this product with the following additional features to help the user conserve resources:

- Excellent print quality is obtained on 30% recycled paper
- For additional information about using this supply in corresponding hp printer(s), please see the operational data section of the environmental profile sheet(s) at: www.hp.com/go/environment

operational data

Note: profiles may not be available for older printer models.

For chemical information about this product, please refer to the associated Material Safety Data Sheet at: www.hp.com/go/msds

**product safety
information**

**product restricted
materials**

The restricted materials information in this section applies to all parts, components, materials and products sold by hp. See the “batteries” and “packaging” sections for information about additional product content restrictions. This product does **not** contain:

- Asbestos
- Cadmium as a stabilizer, coloring agent or surface coating treatment. The total concentration of cadmium in any part, component or material in this product is ≤ 50 mg/kg.
- Mercury
- Chlorofluorocarbons (CFCs), halons, HCFCs, HBFCs, 1,1,1 trichloroethane, carbon tetrachloride or methyl bromide.
- Chlorinated or brominated dioxins or furans are not present at a concentration that is currently prohibited by law.
- Polychlorinated biphenyls (PCB) or polychlorinated terphenyls (PCT).
- Polybrominated biphenyls (PBBs) or polybrominated biphenyl ethers (PBBEs) (also known as polybrominated biphenyl oxides (PBBOs)) in plastic parts.

batteries

This product does not contain batteries.

packaging

- Packaging materials do not contain lead, mercury, cadmium or hexavalent chromium as an intentionally added element. The sum concentration of incidental lead, mercury, cadmium and hexavalent chromium in the packaging for this product is less than 100mg/kg.
- No chlorofluorocarbons (CFCs), halons, HCFCs, HBFCs, 1,1,1 trichloroethane, carbon tetrachloride or methyl bromide are used in plastic foam packaging materials.

External:

Paperboard¹ Weight: 238 g

Internal:

Composite² Weight: 16 g

Other³ Weight: 131 g

1. Made from recycled paper. Actual proportions of recycled content will vary depending on geographic location.
2. Composite consists of polyethylene terephthalate (PET), low-density polyethylene (LDPE), aluminum foil, and polyurethane adhesive.
3. End caps made from 100% post consumer recycled material.

Hp designs its packaging to be recyclable where practical. The recyclability of the packaging alone, when not used to return a cartridge for recycling, depends on the availability of municipal recycling programs used.

- The paperboard box and packaging inserts are recyclable through most municipal solid waste recycling programs where recycling programs exist. Paperboard recycling programs may not exist in your area.
- Paper-pulp molded end caps which protect the cartridge if dropped, are recyclable where cardboard is recycled. Cardboard recycling programs may not exist in your area.
- To ensure compliance with local packaging take-back requirements, in the following European countries, HP is a member of a packaging recovery scheme. Some countries are operating a "Green Dot" system as indicated.

Countries with Green Dot systems

- Austria (ARA)
- Belgium (Fost Plus: consumer products)(Val-I-Pac: professional products)
- France (Eco-Emballages)
- Germany (DSD)
- Ireland (Repak)
- Portugal (Punto Verde SA)
- Spain (Ecoembes)
- Sweden (Repa Registret)

Countries with no Green Dot system

- Finland (PYR Ltd)
- Italy (Conai)
- Norway (Materialretur)
- Switzerland (SWICO)
- UK (Valpack)

- Some larger hp offices also accept hp product packaging* from customers in countries or areas without local packaging recovery schemes. Contact your nearest hp sales office for more information.

*This does not include packaging that is contaminated or contains dangerous substances, which should be disposed of in accordance with local regulations.

Hewlett-Packard offers end-of-life hp product return programs in certain geographic areas. To determine if a program is available for this hp product in your area, please refer to our recycling web site at www.hp.com/recycle or contact your nearest hp sales office. Products returned to hp will be recycled or recovered in a responsible manner. Disposal of any returned products or their components will be minimized and environmentally responsible.

**end-of-life
management/
recyclability**

company information

for more information

This hp product is designed to enhance end-of-life disposal options by:

- Marking plastic parts weighing more than 25g according to ISO 11469 international standards
- Eliminating glues and adhesives from product construction where technically feasible

Materials of construction*

Plastics: PS-FR 30%
 POM <10%
 PC-FR <10%

Metals: Steel 20%
 Aluminum Alloy <10%
 Copper Alloy <10%

*Weight % rounded to nearest 10%- Excludes toner

Acronyms

PS	Polystyrene	POM	Polyoxymethylene
FR	Flame Retardant	PC	Polycarbonate

- **Environmental Policy**

Hewlett-Packard Company established an environmental policy in 1992 with the goals of providing products and services that are environmentally sound throughout their lifecycles and conducting its operations worldwide in an environmentally responsible manner.

- **ISO 14001**

In June 2000 hp achieved ISO 14001 certification—the international standard for environmental management systems—of its worldwide manufacturing operations. Issued by the independent registration firm, Bureau Veritas Quality International (BVQI), this global certification is your assurance that hp’s policies, procedures and organization for managing the environmental aspects of our operations meet the voluntary requirements of ISO 14001.

- **Ozone-Depleting Substances**

Hewlett-Packard has eliminated all manufacturing process uses of chlorofluorocarbons (CFCs), HBFCs, halons, 1,1,1 trichloroethane (TCA), carbon tetrachloride and methyl bromide, and we require suppliers to avoid using these chemicals in their manufacturing processes.

The following information is available online at www.hp.com/go/environment

- More about hp’s commitment to the environment
- Material Safety Data Sheets (MSDS) for hp printer supplies
- Environmental profiles for many related hp products
- Information on end-of-life return and recycling programs for selected hp products, depending upon geographic location

The information presented in this document is based largely on the recommendations made by the ECMA Standardizing Information and Communication Systems Technical Committee 38, Technical Report 70, and is believed accurate and reliable for operating the compatible hp LaserJet product(s) including recommended maintenance and use of supplies and accessories that meet all requirements and recommendations presented in the user/service manuals”). Data are the most current available to Hewlett-Packard at the time of preparation and is issued as a matter of information only. No warranty as to accuracy or completeness is expressed or implied. The information in this document is subject to change without notice.

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