



# PRODUCT ECO-DECLARATION

## PRODUCT DESCRIPTION

- Model Type : [ Samsung Monitor 2443BW ]
- Model List

| Model Name |         |        |
|------------|---------|--------|
| 2443BW     | 2443BWX | 2443NW |

- Weight: [ 5770 ] g (net product Wt.)
- Dimension (W×D×H): [ 556 ]mm × [ 228 ]mm × [ 447 ]mm

## ENVIRONMENTAL CERTIFICATIONS

This product conforms to the following environmental program requirement.

| Environmental Certifications | Date (achieved) | Date (expired) | Model Name         |
|------------------------------|-----------------|----------------|--------------------|
| TCO'03                       | 6/24/2007       | 12/03/2009     | MY24WS             |
| EPEAT Silver                 | 8/20/2008       | -              | 2443BW,<br>2443BWX |

## ENERGY CONSUMPTION

- Operation, 34.8 W measured according to [ENERGY STAR Monitor v4.1]
- Sleep mode, 0.6 W measured according to [ENERGY STAR Monitor v4.1]
- Off mode, 0.3 W measured according to [ENERGY STAR Monitor v4.1]

**Note.** These figures are consistent with data submitted for the voluntary program such as environmental certification schemes above.

## PRODUCT EMISSIONS

- Electric field ELF  $\leq$  10V/m measured according to [TCO'03 Emission]
- Electric field VLF  $\leq$  1V/m measured according to [TCO'03 Emission]
- Magnetic field ELF  $\leq$  200nT measured according to [TCO'03 Emission]
- Magnetic field VLF  $\leq$  25nT measured according to [TCO'03 Emission]

## HAZARDOUS SUBSTANCE CONTENTS

This product does **NOT** contain following substances corresponding to 2002/95/EC , 76/769/EEC and request of Greenpeace



- Asbestos
- Cadmium (Cd)
- Lead (Pb)
- Mercury (Hg)
- Hexavalent chromium (Cr<sup>+6</sup>)
- Ozone depleting substances as listed in the Montreal Protocol
- Polybrominated biphenyls (PBBs)
- Polybrominated diphenylethers (PBDEs)
- Polychlorinated biphenyls(PCB), Polychlorinated terphenyls(PCT), Polychlorinated naphthalene (PCN)
- Short-chain chlorinated paraffins (≥ 50% wt Cl, C=10~13,)
- PFOS (Perfluorooctane Sulfonates)
- TBBP-A (Tetrabromobisphenol A)

Further information on Samsung Electronics' hazardous substance phase out program can be found at:

[http://www.samsung.com/us/aboutsamsung/corporateactivity/corpcitizenship/environmentsocialreport/CorporateActivity\\_PolicyOnTargetSubstances.html](http://www.samsung.com/us/aboutsamsung/corporateactivity/corpcitizenship/environmentsocialreport/CorporateActivity_PolicyOnTargetSubstances.html)

## PACKAGING

- Packaging box volume : [ 86200.6 ] cm<sup>3</sup>
  - Dimension (W×D×H) : [ 633 ]mm × [ 497 ]mm × [ 274 ]mm
- Material composition of product packaging:

| Items                | Material type | Weight (g)    |
|----------------------|---------------|---------------|
| CUSHION              | EPS           | 1300 g        |
| BOX                  | PAPER         | 340 g         |
| <b>Total Wt. (g)</b> |               | <b>1640 g</b> |

Packaging weight and volume has been minimized to the amount needed for product protection and logistics.

The product packaging does **NOT** contain:

- heavy metals regulated by Directive 94/62/EC.
- ozone depleting substances as listed in the Montreal protocol
- PVC.

Packaging of this product has been designed to be recycled where possible.

The recyclable rate of the primary packaging is : [ 100 ] %.

Recyclability of packaging depends on the availability of local recycling systems.

Plastic packaging material is marked according to ISO 11469, DIN 6120, ISO 1043-1 to -4 or the related legislation of Korea & Japan.

Samsung Electronics finances the take-back and recycling of its packaging in line with the requirements of local legislation, e.g. Packaging Directive 94/62/EC in Europe.



## BATTERY

- Battery type: [ ] Weight: [ ] g

The battery cell does **NOT** contain lead, cadmium and mercury in accordance with EU Directives 91/157/EEC.

## DISASSEMBLY AND RECYCLING

Mechanical plastics parts, heavier than 25g have material codes in accordance with ISO 11469 and ISO 1043-1 to -4 to facilitate plastics recycling.

Samsung Electronics offers product take-back and recycling services for Samsung products in the countries where local take-back legislation is implemented and expands additional voluntary take-back system.

- Household users: please contact your local government authority for more information on where and how to recycle this product.
- Business users: please contact your local Samsung Electronics sales office for details of take-back and recycling options.

## COMPANY INFORMATION

- **Environmental Policy**

Samsung Electronics strives to play a leading role in creating a sustainable society by recognizing and implementing environment, health and safety issues as crucial factors in all our business endeavors. To this end, all of Samsung Electronics' business activities observe our Green Management Policy. Originally established in 1992, the current Green Management Policy is available online at:

[http://www.samsung.com/us/aboutsamsung/corporateactivity/corpcitizenship/environmentsocialreport/CorporateActivity\\_GreenManagementPolicy.html](http://www.samsung.com/us/aboutsamsung/corporateactivity/corpcitizenship/environmentsocialreport/CorporateActivity_GreenManagementPolicy.html)

- **ISO 14001**

As part of the effort to reduce environmental impacts in its general management activities, Samsung Electronics is committed to achieving ISO14001 certification for all our factories throughout the world. All Samsung Electronics' factories located in South Korea have achieved certification to both ISO 14001 and OHSAS 18001. Most of Samsung Electronics' overseas factories have obtained ISO 14001 certification.

## FURTHER INFORMATION

Further information is presented in Samsung Electronics' Green Management Report, available online at:

[http://www.samsung.com/us/aboutsamsung/corporateactivity/corpcitizenship/environmentsocialreport/CorporateActivity\\_EnvironmentSocialReport.html](http://www.samsung.com/us/aboutsamsung/corporateactivity/corpcitizenship/environmentsocialreport/CorporateActivity_EnvironmentSocialReport.html)