

## SAFETY DATA SHEET



### 1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND COMPANY UNDERTAKING

**PRODUCT NAME:** Dataproducts OPC (Opticalphotoconductor) Drums

**APPLICATION:** Components suitable for Laser Printer Cartridges

**SUPPLIER:** Clover Portugal Unipessoal, Lda.  
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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC-No.	CAS-No.	Content	Classification
ALUMINUM		7429-90-5	> 98%	
PHOTOCONDUCTIVE MATERIAL		Proprietary	<1%	
BINDER RESIN		Proprietary	<1%	

Listed not as aluminium tube but aluminium dust

Contains no materials classified as hazardous under EC criteria

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

### 3 HAZARDS IDENTIFICATION

Not classified under current legislation – 1999/45/CE.

#### ENVIRONMENT:

The product is not expected to be hazardous to the environment.

#### PHYSICAL AND CHEMICAL HAZARDS:

This Product is not classified as hazardous according to OSHA CFR 1910.1200 or UE Directive 1999/45/EC.

#### HUMAN HEALTH:

Not known. None of the ingredients was classified as carcinogenic according to UE, IARC, MAK, NTP, OSHA or ACGIH.

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION:

##### INHALATION:

Not applicable.

##### INGESTION:

Not applicable.

##### SKIN CONTACT:

If irritation happens wash the skin immediately with soap and water.

##### EYE CONTACT:

Not applicable.

## SAFETY DATA SHEET

### 5 FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:**

Dry Chemical, carbon dioxide.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

None known.

**PROTECTIVE MEASURES IN FIRE**

Self contained breathing apparatus and full protective clothing must be worn in case of fire like any other electric fire.

### 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS**

Not applicable.

**ENVIRONMENTAL PRECAUTIONS:**

Should be dumped observing all federal, state and local laws.

**SPILL CLEAN UP METHODS:**

Not applicable.

### 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS:**

Do not expose to light for more than the necessary time to assemble. Keep in original container until usage.

**STORAGE PRECAUTIONS:**

Store in moderately cool, dark and dry place to keep the function of the component Keep in original container.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**INGREDIENT COMMENTS:**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT:**

None special equipment required

**PROCESS CONDITIONS:**

Use engineering controls to reduce air contamination to permissible exposure level.

**RESPIRATORY EQUIPMENT:**

None required for human protection. The wear of respiratory mask is suggested to protect product from human mouth fluids.

**HAND PROTECTION:**

None required for human protection. Suggested the use protective gloves and handle by gears only to protect the product.

**EYE PROTECTION:**

None required.

**OTHER PROTECTION:**

Not required.

**HYGIENE MEASURES:**

Keep a clean environment next to the component.

DO NOT SMOKE IN WORK AREA!

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Aluminium Cylinder covered with a coloured coating

**COLOUR:** Green, Blue or Brown

**ODOUR:** Odourless

**SOLUBILITY:** Insoluble in water

**MELTING POINT (°C):** Approximately > 660

**SPECIFIC GRAVITY:** 2.7

### **10 STABILITY AND REACTIVITY**

**STABILITY:**

Stable.

**CONDITIONS TO AVOID:**

Avoid prolonged light exposure as it will ruin the component function.

**HAZARDOUS POLYMERISATION:**

Will not polymerise.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

None

### **11 TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:**

No data

**INHALATION:**

Not applicable.

**INGESTION:**

Not applicable.

**SKIN CONTACT:**

Not classified as irritating .

**EYE CONTACT:**

Not applicable.

**HEALTH WARNINGS:**

Not applicable.

### **12 ECOLOGICAL INFORMATION**

**ECOTOXICITY:**

The environment effects were not tested.

### **13 DISPOSAL CONSIDERATIONS**

**GENERAL INFORMATION:**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

**DISPOSAL METHODS:**

Dispose of waste and residues in accordance with local authority requirements. If segregated it can be easily recycled.

### **14 TRANSPORT INFORMATION**

**GENERAL:**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **15 REGULATORY INFORMATION**

**RISK PHRASES:**

NC Not classified.

**SAFETY PHRASES:**

P13 Safety data sheet available for professional user on request.

SDS No.:

**EU DIRECTIVES:**

Safety Data Sheet according to 91/155/EC as amended Dangerous Preparations Directive 1999/45/EEC. System of specific information relating to Dangerous Preparations. 2001/58/EEC.

**APPROVED CODE OF PRACTICE:**

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES:**

## SAFETY DATA SHEET

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

### NATIONAL REGULATIONS:

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

Workplace Exposure Limits 2005 (EH40)

Control of Substances Hazardous to Health Regulations 2002 (as amended)

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### 16 OTHER INFORMATION

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ISSUED BY: Clover Portugal

REVISION DATE: 20/02/2007

SAFETY DATA SHEET STATUS: Approved.

#### RISK PHRASES IN FULL

Not classified.

NC

**Ref:** EN\_MSDS\_all\_OPC\_Drums monochrome-rev02

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