

**SAFETY DATA SHEET****27.958: Replacement black toner for Samsung ML1210D3****1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME 27.958: Replacement black toner for Samsung ML1210D3

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**2 HAZARDS IDENTIFICATION**

Not regarded as a health or environmental hazard under current legislation.

**HUMAN HEALTH**

Dust may irritate respiratory system or lungs. May irritate eyes. Degreasing to skin.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
CARBON BLACK	215-609-9	1333-86-4	5-10%	-
IRON OXIDE	215-277-5	1317-61-9	10-30%	-
METAL-COMPLEX DYE (confidential CAS Number)			1-5%	-
POLYESTER RESIN (confidential CAS Number)			60-100%	-
POLYPROPYLENE WAX (confidential CAS number)			1-5%	-
SILICA (confidential CAS number)			1-5%	-

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

**4 FIRST-AID MEASURES****GENERAL INFORMATION**

When in doubt or symptoms persist, seek medical attention.

**INHALATION**

General first aid, rest, warmth and fresh air.

**INGESTION**

Immediately rinse mouth and drink plenty of water (200-300 ml).

**SKIN CONTACT**

Wash skin thoroughly with soap and water.

**EYE CONTACT**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.

**5 FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Fire can be extinguished using: Water spray, fog or mist. Foam. Dry chemicals. Do not use water as an extinguisher.

**SPECIAL FIRE FIGHTING PROCEDURES**

Avoid breathing fire vapours. NOTE! Use air-supplied respirators to protect against gases/fumes.

**27.958: Replacement black toner for Samsung ML1210D3****SPECIFIC HAZARDS**

Dust may form an explosive mixture in the atmosphere. By fire, toxic gases may be formed (CO<sub>x</sub>, NO<sub>x</sub>).

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Use protective gloves, goggles and suitable protective clothing. Do not smoke, use naked flames or other sources of ignition. Provide adequate ventilation. Avoid inhalation of dust. Avoid contact with skin and eyes.

**SPILL CLEAN UP METHODS**

Avoid generation and spreading of dust. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container. Wash contaminated area with water. Do not let washing down water contaminate ponds or waterways. For waste disposal, see section 13.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Observe good industrial hygiene practices. Keep away from heat, sparks and open flame. Do not eat, drink or smoke when using the product. Provide good ventilation. Avoid handling which leads to dust formation. Observe workplace exposure limits and minimise the risk of inhalation of dust. Avoid contact with skin and eyes.

**STORAGE PRECAUTIONS**

Store in closed original container at temperatures between 0°C and 40°C. Avoid contact with strong oxidisers. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****STD**

General dust recommended limits (UK): 10 mg/m<sup>3</sup> (8-hour TWA) total inhalable dust or 4 mg/m<sup>3</sup> (8-hour TWA) total respirable dust.

**ENGINEERING MEASURES**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

**HAND PROTECTION**

Protective gloves are recommended.

**EYE PROTECTION**

Wear dust resistant safety goggles where there is danger of eye contact.

**HYGIENE MEASURES**

Wash at the end of each work shift and before eating, smoking and using the toilet.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Powder, dust		
COLOUR	Black		
ODOUR	Slight odour		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	NA	MELTING POINT (°C)	ND
BULK DENSITY	ND	VAPOUR PRESSURE	NA
pH-VALUE, DILUTED SOLUTION	NA	VISCOSITY	ND
FLASH POINT (°C)	NA	AUTO IGNITION	ND
		TEMPERATURE (°C)	
PARTITION COEFFICIENT (N-Octanol/Water)	NA		

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition.

**HAZARDOUS POLYMERISATION**

Will not polymerise.

**MATERIALS TO AVOID**

Strong oxidising substances.

**27.958: Replacement black toner for Samsung ML1210D3**

## HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**11 TOXICOLOGICAL INFORMATION**

## GENERAL INFORMATION

Mutagenicity, the induction of inheritable genetic damage (Ames Test): negative.

## INHALATION

Dust may irritate respiratory system or lungs.

## INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

## SKIN CONTACT

Powder may irritate skin.

## EYE CONTACT

May cause temporary eye irritation.

**12 ECOLOGICAL INFORMATION**

## ECOTOXICITY

The product is not expected to be hazardous to the environment. Volatile organic compounds (VOC): 0%.

## BIOACCUMULATION

No data available on bioaccumulation.

## DEGRADABILITY

The product is not expected to be biodegradable.

## WATER HAZARD CLASSIFICATION

WGK 2 (Medium hazard)(Self-classification).

**13 DISPOSAL CONSIDERATIONS**

## GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal should be in accordance with local, state or national legislation.

## DISPOSAL METHODS

Powder to be collected, sealed tightly in bags and disposed on approved landfills. Incineration by an approved method could be considered.

## WASTE CLASS

List of Wastes (ref: Decision 2000/532/EC): 08 03 18.

**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

NC Not classified.

## UK REGULATORY REFERENCES

Health and Safety at Work Act 1974.

## ENVIRONMENTAL LISTING

Environmental Protection Act 1990. Pollution Prevention and Control Act 1999.

## EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**27.958: Replacement black toner for Samsung ML1210D3**

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

## APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations.

## GUIDANCE NOTES

Classification and Labelling of Substances and Preparations Dangerous for Supply.

## NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits EH40. Hazardous Waste Regulations 2005. List of Wastes Regulations 2005. The Solvent Emissions Regulations 2004.

**16 OTHER INFORMATION**

## GENERAL INFORMATION

NA = not applicable. NC = not classified. ND = no data. TWA = time-weighted average. Not classified as hazardous for users. This Safety Data Sheet satisfies the requirements of the REACH Regulation (EC): No 1907/2006, as corrected. Article 31. All brand names and trademarks are the property of their respective holders and are used here for descriptive purposes only.

## REVISION COMMENTS

This is first issue.

REVISION DATE                      A / 02.02.10

SDS NO.                                27.958

## RISK PHRASES IN FULL

Not known.

NC                                        Not classified.

## DISCLAIMER

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