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> Issue: 1

Revised Date:

Company / Product Identity Section I -

Product Identification:	LEXMARK T630	TN6330
Company :	Turbon Group 2704 Cindel Drive	HAZARD RANKING: 0 = Least 1 = Slight
	Cinnaminson, New Jersey 08077	2 = Moderate 3 = High 4 = Extreme
		HMIS HAZARD CLASS:
Telephone:	1-800-282-6650	Health = 0
Fax:	1-856-786-6806	Flammability = 1
Contact Person:	Safety / Environmental Representative	Reactivity = 0
		PPE = Section VIII

Section II - Composition / Ingredients

This product consists of new and remanufactured parts that are originally manufactured by the OEM.

The cartridge consists of light sensitive drum, toner, a developer unit and several blades.

Main components:

Plastics:	PE, PP, PS, ABS, PU, Acetal, mixed with FR
Metals:	Iron, Sheet steel. Some components electrolyze nickel-plated.
Non-metals:	Aluminum
Foam:	Expanded polyuthane, polyester base
Elastomer:	Polyurethane

The toner used in this cartridge consists of the following components.

Description	CAS number	Percent	R+S phrase	<u>Symbol</u>
Saturated Polyester Resin	186397-54-6	70 - 85	None assigned	None assigned
Magnetite	1317-61-9	7 - 15	None assigned	None assigned
Carbon Black	1333-86-4	3 - 8	None assigned	None assigned
Polypropylene Wax	9003-07-0	1 - 5	None assigned	None assigned
Metal-complex Dye	42405-40-3	1 - 2	None assigned	None assigned
Metal Oxide	12047-27-7	0.5 - 3	None assigned	None assigned

The drum used in this cartridge consists of the following components.

Description	CAS number	Percent	R+S phrase	<u>Symbol</u>
Substrate: Al-cylinder	None assigned	>99%	None assigned	None assigned
Coating: Organic photoconductor	None assigned	<1%	None assigned	None assigned

Section III - Hazards Identification

Primary entry routes:

Inhalation :	Slight irritation of respiratory tract.
Ingestion:	None known.
Skin contact:	Repeated contact may cause irritation or an allergic skin reaction.
Eyes effects:	May cause irritation
Chronic effects:	Not known

Potential environmental hazard:

No particular hazards known. The cartridge is made in accordance with all known legal requirements.

Section IV - First Aid Measures

Inhalation:	Remove person to fresh air. If symptoms persists consult a physician.
Ingestion:	Rinse mouth with water and drink one or two glasses of water. If symptoms occur, call a physician. If symptoms persists consult a physician.
Skin contact:	Wash well with soap and running water.
Eyes contact:	Immediately flush with large amounts of clean lukewarm, low pressure water for at least 15 minutes. If irritation persists, consult a physician. Remove any contact lenses to facilitate flushing.

Section V - Fire and Explosion Measures

Flash point:	No data available.
Ignition temperature:	No data available.
Flammability	Non-flammable solid according to USA 16 CFR 1500.44 and 84/449/EC 5 th adaptation.
Flammability limits	No data available.
Extinguishing media:	Water, foam, CO ² , dry chemicals.
Special fire fighting procedures:	To avoid inhalation of toxic fumes, wear MHSA/NIOSH approved self-contained breathing apparatus.
Un-usual fire / explosion hazards:	Toner may cause a dust explosion. Explosive limits of toner particles suspended in air are equal to coal dust.

Section VI - Accidental Release Measures

Spill and leakage procedures:	Wear personal protective equipment. Avoid breathing dust. Minimize the release of particles. Vacuum or sweep the material into a bag or other sealed container. If a vacuum cleaner is used, the motor must be rated as dust tight. Dispose of waste toner in accordance with local requirements.
Environmental precautions:	Do not discharge into drains.

Section VII - Handling and Storage

Advise on safe handling and protection against fire:

Keep material out of reach of children. Avoid inhalation of dust and contact with eyes. Keep away from excessive heat, sparks and open flames.

Requirements for storage rooms and advise on storage compatibility:

Keep out of reach of children. Keep container closed and store at room temperature. Keep away from strong oxidizers.

Section VIII - Exposure Limits / Personal Protection

USA OSHA (TWA) / PEL:	15 mg/m3 (Total Dust)
	5 mg/m3 (Respirable Fraction)
ACGIH (TWA / TLV)	10 mg/m3 (Inhalable Particulate)
	3 mg/m3 (Respirable Particulate)
DFG (MAK)	6 mg/m3 (Dust Concentration)
Respiratory protection:	Not required under intended use.
Ventilation:	General ventilation should be sufficient under intended use.
Protective gloves:	Not required under intended use.
Eye protection:	Not required under intended use.
Other protective equipment:	Not required under intended use.

Section IX - Physical and Chemical Properties

Boiling point:	Not applicable
Melting point:	100° - 150° Celsius (softening point)
Particle size:	7 – 12 um nominal
Vapor pressure:	Negligible
Solubility in water:	Negligible
Vapor density (air =1)	Not applicable
Evaporation rate:	Not applicable
Color:	Black
Appearance:	Very fine powder
Odor:	Slight plastic odor

Section X - Stability and Reactivity

Stability:	Stable
Incompatibility:	Strong oxidizers
Hazardous decomposition products: Hazardous polymerization:	Combustion will produce carbon dioxide and possibly toxic chemicals such as carbon monoxide. Will not occur.

Section XI - Toxicological Information

Toxicological info according to OSHA Hazard communication standard and commission directive 67/548/EEG.

Toner:	Ames test: Ingestion:	Negative. (mutagenicity test from Prof. Ames, Berkeley University California, USA) Not toxic.
	Eye contact:	Not toxic.
	Skin contact:	Not toxic.
	Chronic toxicity:	No data available.
	Carcinogenicity:	Not carcinogenic.
	Chronic health hazard comments	Carbon black has been tested for mutagenicity on species S. typhimirium with negative results.
	Exposure limit:	Not known.
	Inhalation:	Not toxic.
Drum:	Ames test:	Negative. (mutagenicity test from Prof. Ames, Berkeley University California, USA)
Drum:	Ames test: Ingestion:	Negative. (mutagenicity test from Prof. Ames, Berkeley University California, USA) Not toxic.
Drum:		USA)
Drum:	Ingestion:	USA) Not toxic.
Drum:	Ingestion: Eye contact:	USA) Not toxic. Not toxic.
Drum:	Ingestion: Eye contact: Skin contact:	USA) Not toxic. Not toxic. Not toxic.
Drum:	Ingestion: Eye contact: Skin contact: Chronic toxicity:	USA) Not toxic. Not toxic. Not toxic. Not toxic.
Drum:	Ingestion: Eye contact: Skin contact: Chronic toxicity: Carcinogenicity:	USA) Not toxic. Not toxic. Not toxic. Not toxic. Not known.
Drum:	Ingestion: Eye contact: Skin contact: Chronic toxicity: Carcinogenicity: Chronic health hazard comments	USA) Not toxic. Not toxic. Not toxic. Not toxic. Not known. None.

Section XII - Ecological Information

Avoid spills and dispose of in accordance with applicable laws and regulations.

Section XIII - Disposal Considerations

Contact your local Turbon dealer for returning your used and empty cartridges. Tel: 800 -282-6650 Fax: 800 -257-1619

Section XIV - Transport Information

International transport information:

UN no.:	None
UN shipping name:	None
Hazards class:	None
Packing group:	None
Special precautions:	None

Section XV - Other Information

New components are purchased from international reputable producers. The information in this MSDS is based on our present state of knowledge.

In normal use there are no exceptional health, safety or fire hazards associated with this range of products. Please obey the usage and storage instructions.