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Material Safety Data Sheet

Public

NFPA	Protective Clothing	DOT
		

Section 1. Chemical Product and Company Identification

FOR EMERGENCIES Health: (716) 422-2177 Transportation: (716) 422-1230 In Quebec: 1-800-463-5060	FOR INFORMATION Customer Safety: Tel: 1-800-828-6571 Internet: customer_safety@wb.xerox.com MSDS Webpage: http://www.xerox.com/ehs/msds	MSDS# A-0059 Eng. Drwg. No. 600E58230 Date 12/15/86 Revision Date 3/27/98
	Manufacturer(s) Xerox Corporation Rochester, NY 14644	Supplier(s) Not applicable.
Trade Name(s)	Class II, 5820, 5818, XC-1875, 5018, XC-2675, 5328, 5021, 5034, 5321, 5334, 5624, 5626, 5830, 5828, 5126, 5016, 5028, 5534 Black Toner / Dry Ink Cartridge	
Chemical name	Not applicable.	
Synonym	None.	
Part No.	FX: 13R31* NVY: CL266R458, CL236R548, CL2S6R458 WH: 13R9, 6R261*, 13R18*, 13R13*, 6R744*, 6R136*, 6R244, 6R708, 113R93, 113R67, 13R161, 13R74 XCI: 6R527*, 13R505*, 13R511* XL: 13R34*, 6R90127 XLA: 13R35*, 6R255*	

Section 2. Composition, Information on Ingredients

Common Name	CAS #	% by Weight	Exposure Limits PEL/TLV/XEL	LC ₅₀ /LD ₅₀
Styrene/butadiene copolymer	9003-55-8	75-80	Not available.	Not available.
Steel powder	7439-89-6	20-30	Not available.	Not available.
Iron oxide	1309-38-2	10-15	Not available.	Not available.
Carbon black	1333-86-4	1-5	ACGIH (TLV): 3.5 (mg/m ³) [1996]	Not available.

Section 3. Hazards Identification

Acute Health Effects	Non-irritant for skin. Non-sensitizer for skin. Non-irritating to the eyes.
Chronic Health Effects	CARCINOGENIC EFFECTS: None present. MUTAGENIC EFFECTS: None detected in Ames, Micronucleus, CHO/HGPRT, and Yeast Mitotic Recombination assays.
Primary Routes of Entry	Inhalation.
Medical Conditions Aggravated	None when used as described by product literature.

Boiling Point	Not available.	VOC	Not available.
Melting Point	85°C to 100°C (185 to 212°F)	Evaporation rate	Not available.
Specific Gravity	1 (Water = 1)	Viscosity	Not available.
Vapor Pressure	Not available.	Solubility in water	Insoluble in cold water.
Vapor Density	Not available.	Odor	Slight.

Section 10. Stability and Reactivity Data

Chemical Stability	This product is stable.
Incompatibility with various substances	None known.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute Effects	
Eye Irritant	Non-irritating to the eyes.
Skin Sensitizer	Non-sensitizer for skin.
Skin Irritant	Non-irritant for skin.
Human Skin Patch	Non-irritating, non-sensitizing
	Oral (LD50): >5000 mg/kg [Rats].
	Dermal (LD50): >5000 mg/kg [Rabbits].
	Inhalation (LC50): >5 mg/l (Rats) 4hr.
	Inhalation (LC50): >20 mg/l (Rats) calculated 1hr.
	Aquatic (LC50): >1000 mg/l (rainbow trout)
Chronic Effects	CARCINOGENIC EFFECTS: None. MUTAGENIC EFFECTS: None detected in Ames, Micronucleus, CHO/HGPRT, and Yeast Mitotic Recombination assays.
Additional Information	The results obtained from a Xerox sponsored Chronic Toner Inhalation Study, demonstrated no lung change in rats for the lowest (1 mg/m ³) exposure level (i.e. the level most relevant to potential human exposure). A very slight degree of fibrosis was noted in 25% of the animals at the middle (4 mg/m ³) exposure level, while a slight degree of fibrosis was noted in all the animals at the highest (16 mg/m ³) exposure level. These findings are attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lungs for a prolonged period. This study was conducted using a special test toner to comply with EPA testing protocol. The test toner was ten times more respirable than commercially available Xerox toner, and would not be functionally suitable for Xerox equipment.
Special Remarks	This material has been evaluated by Xerox Corporation. The toxicity data presented in this section is based on test results of similar xerographic toners.
Toxic Effects in Humans	No additional remark.

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD and COD	Not available.
Products of Biodegradation	Not available.
Bioaccumulation	Not available.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.

Section 13. Disposal Considerations

Waste	This material is not hazardous waste according to Federal Regulation 40 CFR 261 when
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