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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#	B-0285
		Eng. Drwg. No.	600E67440
		Date	4/7/92
		Revision Date	3/17/98
Manufacturer(s)	Xerox Corporation Rochester, NY 14644		
Supplier(s)	Not applicable.		
Material Uses	Xerographic imaging media.		
Trade Name(s)	1065, 4235, 5016, 5018, 5021, 5026, 5028, 5034, 5046, 5047, 5065, 5126, 5321, 5328, 5334, 5335, 5365, 5624, 5626, Class II, Class III, Class IV, 5818, 5820, XC-1875, XC-2675 Developer		
Chemical name	Developer		
Synonym	None.		
Part No.	WH: 5R524*, 13R7, 5R168, 13R503, 5R167*, 5R318 NVY: C3313R425, C2613R424, C2113R424*, C3613R425, CL465R422*, C2313R424, CL435R422* OEM: 5R416 XL: 502S63506, 502S30836, 5R90094, 5R317*, 5R90187, 502S62463, 502S62464, 502S30837, 5R90129, 502S62465, 5R422, 502S62500 XCI: 502S63455, 502S31217, 5R562* *Cancelled		

Special Remarks on Explosion Hazards	None.
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Section 6. Accidental Release Measures	
Spill or Leakage	If spilled, sweep up or vacuum.

Section 7. Handling and Storage	
Handling	None.
Storage	None.

Section 8. Exposure Controls/Personal Protection	
Engineering Controls	None.
Personal Protection Equipment	For use other than normal customer operating procedures (such as bulk toner processing), goggles and respirators may be required. For more information, contact Xerox.
Final Product Exposure Limits PEL/TLV/XEL	ACHIG (TLV): 10.0 (mg/m ³) Total. OSHA (PEL): 15.0 (mg/m ³) Total. OSHA (PEL): 5.0 (mg/m ³) Respirable. Xerox (XEL): 2.5 (mg/m ³) Total. Xerox (XEL): 0.4 (mg/m ³) Respirable. XEL - Xerox exposure limit. Reported values are for particulates not otherwise classified (PNOC).

Section 9. Physical and Chemical Properties			
Physical state and appearance	Solid. (granules)	Color	Black
pH	Not available.	% Volatile	Not available.
Boiling Point	Not available.	VOC	Not available.
Melting Point	Not available.	Evaporation rate	Not available.
Specific Gravity	5 (Water = 1)	Viscosity	Not available.
Vapor Pressure	Not available.	Solubility in water	Not available.
Vapor Density	Not available.	Odor	Slight.

Section 10. Stability and Reactivity Data	
Chemical Stability	The 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 (Rabbit).
	Inhalation (LC50): >5 mg/l (Rats) 4hr.
	Inhalation (LC50): >20 mg/l (calculated) 1hr.
	Aquatic (LC50): >1000 mg/l (fathead minnows)
Chronic Effects	CARCINOGENIC EFFECTS: None. MUTAGENIC EFFECTS: No mutagenicity detected in the 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 the test results of similar xerographic materials and does not consider steel powder, due to its large particle size.
Toxic Effects in Humans	No human data available.

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 information	This material is not a hazardous waste according to Federal Regulation 40 CFR 261 when disposed. State and Local requirements however may be more restrictive. Consult with the appropriate State and Local waste disposal authorities for additional information.
Waste stream	Not available.

Section 14. Transport Information		
US/DOT	Not Regulated	
Proper Shipping Name	Not applicable.	
Hazard Class	Not a DOT controlled material (United States).	
DOT Identification Number	Not applicable.	
Packing Group	Not applicable.	
Canada/TDG Pin Number	Not applicable.	
TDG Classification	Not controlled under TDG (Canada).	
IMO/IMDG Classification	Not controlled under IMDG.	
IATA Classification	Not controlled under IATA.	

Section 15. Regulatory Information	
US Federal and State Regulations	TSCA inventory: All ingredients are listed;
WHMIS (Canada)	Not controlled under WHMIS (Canada).
Canadian Federal and Provincial Regulations	No products were found.

Section 16. Other Information										
HMIS (U.S.A.)	<table border="1"> <tr> <td>Health Hazard</td> <td>0</td> </tr> <tr> <td>Fire Hazard</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Personal Protection</td> <td></td> </tr> </table>	Health Hazard	0	Fire Hazard	1	Reactivity	0	Personal Protection		National Fire Protection Association (U.S.A.) 
Health Hazard	0									
Fire Hazard	1									
Reactivity	0									
Personal Protection										
Special Remarks	No additional remark.									

Notice to Reader

This product has been classified in accordance with OSHA and the hazard criteria of the CPR. The MSDS contains all the information required by OSHA and the CPR. Preparation of this document was completed by Xerox Corporation, Environment, Health and Safety.