

**Manufacturer:** Xerox Corporation  
Rochester, N.Y. 14644

**Health Emergency Tel. No.:** (716) 422-2177  
**Transportation Emergency:** (716) 422-1230  
**Safety Information Tel. No.:** (800) 828-6571

### Section I - Product Identification

**Trade Names/Synonyms:** 5016/5018/5021/5028/5034/5126/  
5328/5321/5334/Black Dry Ink/  
Black Toner. **Part. No.:** 6R136, 6R244, 6R255, 6R708  
13R9, 13R13, 13R18,  
6R744, 6R261;  
**Chemical Name:** None **XCI:** 6R527, 13R511, 13R505  
**RX:** 13R34;  
**XLA:** 13R35;  
**FX:** 13R31

Ingredients

CAS No.

Styrene/butadiene copolymer (50-75%)	9003-55-8
Steel powder (20-30%)	7439-89-6
Iron oxide (10-15%)	1309-37-1
Rosin acid (<5%)	8050-09-7
Carbon black (<5%)	1333-86-4

### Section II - Emergency and First Aid

**Eyes:** Flush with water.  
**Skin:** Wash with soap and water.  
**Inhalation:** Remove from exposure.  
**Ingestion:** Dilute stomach contents with several glasses of water.  
**Primary Route of Entry:** Inhalation.  
**Symptoms of Overexposure:** Minimal respiratory tract irritation may occur as with exposure to large amounts of any non-toxic dust.  
**Medical Conditions Generally Aggravated by Exposure:** None when used as described by product literature.  
**Additional Information:** See sections V and VII.

### Section III - Toxicology and Health Information

*This material has been evaluated by Xerox Corporation*

<b>Oral LD50 :</b>	>10g/kg (rats) practically non-toxic.	<b>TLV:</b>	10 mg/m <sup>3</sup> (total dust)
<b>Dermal LD50:</b>	> 5 g/kg (rabbits) practically non-toxic.	<b>PEL:</b>	15 mg/m <sup>3</sup> (total dust)
<b>Inhalation LC50:</b>	> 5 mg/l (rats, 4 hr exposure) practically non-toxic. > 20 mg/l (rats, calculated 1 hr exposure) non-poisonous, DOT. <sup>1</sup>		5 mg/m <sup>3</sup> (respirable dust)
<b>Eye Irritation:</b>	Not an irritant.	<b>STEL:</b>	None Established
<b>Skin Sensitization:</b>	Not a sensitizer.	<b>Ceiling:</b>	None Established
<b>Skin Irritation:</b>	Not an irritant.	<b>XEL<sup>2</sup> :</b>	2.5 mg/m <sup>3</sup> (total dust)
<b>Human Patch:</b>	Non-irritating, non-sensitizing.		0.4 mg/m <sup>3</sup> (respirable dust)
<b>Mutagenicity:</b>	No mutagenicity detected in Ames, Micronucleus, CHO/HGPRT, and Yeast Mitotic Recombination Assays.		
<b>Carcinogens:</b>	None present		
<b>Aquatic LC50:</b>	>1000mg/l (fathead minnows) non-toxic.		

**Additional Information:** Some of the information reported above is test data of similar products. In a Xerox sponsored chronic inhalation study in rats using a special test toner, there were no lung changes at all in the lowest exposure level (1 mg/m<sup>3</sup>), the most relevant level to potential human exposures. A very slight degree of fibrosis was noted in 25% of the animals at the middle exposure level (4 mg/m<sup>3</sup>) while a slight degree of fibrosis was observed at the highest exposure level (16 mg/m<sup>3</sup>) in all animals. These findings are attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lungs for a prolonged interval. The special test toner was ten times more respirable than commercially available Xerox toner to comply with EPA testing protocol and would not function properly in Xerox equipment.

<sup>1</sup> Based on testing similar graphic toner materials. <sup>2</sup> XEL: Xerox Exposure Level