

Manufacturer: Xerox Corporation
Rochester, NY 14644

Telephone # (s): *Safety Information: (800) 828-6571*
Health Emergency: (585) 422-2177
Transportation Emergency(Chemtrec):(800) 424-9300

Section I - Product Identification

Trade Names/Synonyms: 1020/1035/2830 Developer

Part No.: 5R134, 5R135, 5R282, 5R283; XCI:
5R506, 5R511, 5R523; RX:5R90075
XLA: 5R57283

Chemical Name: None

WHMIS Status: This is not a WHMIS controlled product

<u>Ingredients (% by weight)</u>	<u>CAS No.</u>
<u>Carrier (>95%):</u> Ni-Zn ferrite powder ¹	12645-50-0
<u>Toner (<5%):</u> See appropriate toner MSDS	

Section II - Emergency and First Aid

Eyes:	Flush with water.
Skin:	Wash with soap and water.
Inhalation:	Remove from exposure.
Ingestion:	Dilute stomach content 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:	None

Section III - Toxicology and Health Information

This material has been evaluated by Xerox Corporation. The toxicity data noted below is for toner only based on test results of similar xerographic materials.

Oral LD₅₀:	>5 g/kg (rats) practically non-toxic.	TLV:	10mg/m ³ (total dust)
Dermal LD₅₀:	>2 g/kg (rabbits)practically non-toxic.	PEL:	15 mg/m ³ (total dust)
Inhalation LC₅₀:	>6.6 mg/l (rats, 4 hr exposure)practically non-toxic.		5 mg/m ³ (respirable dust)
	>26.4 mg/l (rats, calculated 1 hr exposure) non-poisonous, DOT.	STEL:	None established
Eye Irritation:	Not an irritant		Ceiling: None established
Skin Sensitization:	Not a sensitizer.	XEL²:	2.5 mg/m ³ (total dust)
Skin Irritation:	Not an irritant.		0.4 mg/m ³ (respirable dust)
Human Patch:	Non-irritating, non-sensitizing		
Mutagenicity:	No mutagenicity detected in Ames Assay.		
Carcinogens:	None present.		
Aquatic LC₅₀:	>1000 mg/l (fathead minnows) non-toxic.		

Additional Information: The information noted above is toxicity data for toner.

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 (1mg/m³), 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/m³) while a slight degree of fibrosis was observed at the highest exposure level (16 mg/m³) 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.

¹This product contains a toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372. ²XEL-Xerox Exposure Limit

Section IV - Physical Data

Appearance/Odor:	Black granular / faint odor	Softening Range:	N.A.
Boiling Point:	N.A.	Melting Point:	N.A.
Solubility in Water:	N.A.	Specific Gravity (H₂O=1):	~5
Evaporation Rate:	N.A.	Vapor Pressure (mm Hg):	N.A.
Vapor Density (Air=1):	N.A.	pH:	N.A.
Volatile:	N.A.% (Wgt) N.A. % (Vol.)		

Section V - Fire and Explosion Data

Flash Point (Method Used):	N.A.
Flammable Limits:	LEL: N.A. UEL: N.A.
NFPA 704:	Health- 0, Fire- 1, Reactivity- 0
Extinguishing Media:	Water, dry chemical, carbon dioxide or foam
Special Fire Fighting Procedures:	Avoid inhalation of smoke. Wear protective clothing and self-contained breathing apparatus.
Fire and Explosion Hazards:	None

Section VI -Reactivity Data

Stability:	Stable
Hazardous Polymerization:	Will Not Occur
Hazardous Decomposition Products:	Products of combustion may be toxic. Avoid breathing smoke.
Incompatibility (Materials to Avoid):	None known

Section VII - Special Protection Information

Respiratory Protection:	None required when used as intended in Xerox equipment.
Eye Protection:	None required when used as intended in Xerox equipment.
Protective Gloves:	None required when used as intended in Xerox equipment.
Other:	For use other than normal customer - operating procedures (such as in bulk toner processing facilities), goggles and respirators may be required. For more information, contact Xerox.

Section VIII - Special Precautions

Handling and Storage:	None
Conditions to Avoid:	Avoid prolonged inhalation of excessive dust.

Section IX- Spill, Leak, and Disposal Procedures

For Spills or Leakage:	If spilled, sweep up or vacuum.
Waste Disposal Method:	When disposed, this material is not a hazardous waste according to Federal Regulation 40 CFR 261. However, State and Local requirements may be more restrictive. Consult with the appropriate State and Local waste authorities for additional information.

Section X - Transportation Information

DOT Proper Shipping Name:	Not Regulated	ID Number:	N.A.
Hazard Classification:	N.A.	Packing Group:	N.A.