

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer:	Guy Brown Products	HMIS INFORMATION:	
Address:	9003 Overlook Boulevard, Brentwood, TN 37027	Health:	1
Telephone:	615-777-1500	Reactivity:	0
Fax:	615-777-1501	Fire:	1
Emergency Telephone:	Chemtrec (800) 424-9300	Protection:	
Product Code:	GB22AY	0 = Low	4 = High
Product Synonyms:	HP4600 YELLOW	Office Max Product Code:	S1GB22AY
	Laser toner cartridge.		

SECTION 2: INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>Exposure limits:</u>	<u>Concentration:</u>
Styrene acrylate copolymer CAS NUMBER: 58048-89-8	ACGIH TLV 5.0mg/cu.m. (respirable)	70-90%
Pigment CAS NUMBER: proprietary	ACGIH TLV 5.0mg/cu.m. (respirable)	3-10%
WAX CAS NUMBER: proprietary	ACGIH TLV 5.0mg/cu.m. (respirable)	5-15%
Silica amorphous CAS NUMBER: proprietary	ACGIH TLV 5.0mg/cu.m. (respirable)	1-7%

SECTION 3: HAZARDS IDENTIFICATION

Potential Health Effects:	
Eyes:	Possible irritant.
Skin:	Slight irritant.
Ingestion:	Practically non-toxic
Inhalation:	Minimal respiratory tract irritation may occur as with exposure to large amounts of non toxic dust. TLV: 10mg/cubicmeter (Total Dust) • 5mg/cubicmeter (Respirable Dust)

SECTION 4: FIRST AID MEASURES

Eyes:	Flush with water.
Skin:	Wash with soap and water.
Ingestion:	Dilute stomach contents with several glasses of water.
Inhalation:	Remove from exposure.

SECTION 5: FIRE FIGHTING MEASURES

Fire and Explosion Hazards:	Toner is a combustible powder. When dispersed in air it forms explosive mixtures.
Extinguishing Media:	Water, foam, dry chemical.
Fire Fighting Instructions:	Avoid inhalation of smoke.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

Loose toner can be removed using a vacuum cleaner. Residue can be removed with soap and water. After removal of loose toner, garments may be washed or dry cleaned.

SECTION 7: HANDLING AND STORAGE:

Handling and Storage Precautions:	Avoid prolonged inhalation of excessive dust	Avoid storage
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SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Eye / Face Protection:	None needed when used as intended in copier or printer equipment.
Skin Protection:	None needed when used as intended in copier or printer equipment.
Respiratory Protection:	None needed when used as intended in copier or printer equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

Appearance:	Plastic Cartridge containing finely divided yellow powder.
Odor:	Faint.
Basic Physical Properties:	Melting point: 198 degrees Fahrenheit. Specific Gravity: 1.1
	Solubility in water: Negligible.

SECTION 10: STABILITY AND REACTIVITY.

Stability:	Stable.
Conditions to avoid:	None.
Hazardous Decomposition Products:	Products of combustion are toxic. Avoid breathing smoke.
Hazardous Polymerization:	Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION.

Miscellaneous Toxicological Information:	In a Xerox sponsored chronic inhalation study in rats using a special toner, there were no lung changes at all in the lowest exposure level (mg/cubic meter). This is the most relevant level to human exposures. A very slight degree of fibrosis was noted in 25% of the animals at the mid exposure level (4mg/cubic meter). While a slight degree of fibrosis was observed at the highest exposure level (16 mg/cubic meter) 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 toners to comply with EPA testing protocol and would not function properly in a copier or printer.
Mutagenicity:	No mutagenicity detected by Ames Test.
Carcinogens:	None present.
Medical Conditions Aggravated by Exposure:	None when used as described by product literature.
This material when used as intended does not represent a health or safety hazard.	

SECTION 12: ECOLOGICAL INFORMATION.

No Data Given

SECTION 13: DISPOSAL CONSIDERATIONS

Do not incinerate. Conform with state, federal and local regulations

SECTION 14: TRANSPORT INFORMATION.

No Data Given

SECTION 15: REGULATORY INFORMATION.

No Data Given

SECTION 16: OTHER INFORMATION.

Disclaimer of expressed and Implied Warranties:

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The above listed brand names and model designations are intended only to show the compatibility of this

