

745-11X/51X**Material Safety Data Sheet
24MT10570****Section 1. Chemical Product & Company Identification:**

Product Id #:	24MT10570	Item Description:	2420 MICR Toner, 570G	
Distributor's Name:	Oasis Imaging Products, Inc.	Date Prepared:	07/19/2005	Date Revised: 09/27/2004
Distributor Contact Information:	460 Amherst Street Nashua, NH 03083 USA	Main Phone Number:	603-880-3991	
		Emergency Phone Number:	603-880-3991	

Section 2. Composition/Information on Ingredients:

Ingredients	Percent (%)	CAS Number	OSHA PEL	ACGIH TLV
Charge Control Dye	NA	84179-68-8	5mg/m3	5mg/m3
Iron Oxide	NA	1317-61-9	NA	NA
Polypropylene Wax	NA	9010-79-1	10mg/m3	10mg/m3
Styrene Acrylate Copolymer	NA	25153-46-2	10mg/m3	10mg/m3
Styrene Butadiene Copolymer	NA	9003-55-8	10mg/m3	10mg/m3

Section 3. Health Hazard Information:

Routes of Entry: Eyes, Skin, Inhalation, Ingestion

Eyes: Solids or dusts may cause irritation or corneal injury.

Skin: Repeated contact may cause irritation; may cause allergic skin reaction.

Inhalation: None under normal use. Minimal respiratory tract irritation may occur as with exposure to large amounts of any non-toxic dust.

Ingestion: May cause irritation of the mucous membranes or digestive tract.

Chronic Health Hazard Comments: None Established. Health hazard is minimal, being neither irritating, corrosive, volatile, nor toxic when used as intended in a copier/printer machine.

Carcinogenicity: Not Listed NPT?: No IARC Monographs?: No OSHA Regulated?: No

Signs & Symptoms of Exposure: None under normal use, see health hazards above.

Medical Conditions Generally Aggravated by Exposure: None under normal use, see health hazards above.

Section 4. Emergency and First Aid Procedures:

Remove from exposure, seek medical assistance for further treatment if necessary.

First Aid: Eyes Immediately flush with a large amount of running water for at least 15 minutes. If irritation persists, consult a physician.

First Aid: Skin Flush affected areas promptly with soap and water for 15 minutes. Remove contaminated clothing. In case of continued irritation, consult a physician.

First Aid: Inhalation Remove from exposure to fresh air. Gargle with water. If effects occur, consult medical personnel.

First Aid: Ingestion Wash out mouth with water. Dilute stomach contents with several glasses of water, and contact a physician or poison control center.

First Aid: Additional Info None

Section 5. Fire and Explosion Hazard Information:

Explosive

Oasis Imaging, Inc: MSD Sheets

Page 2 of 3

Limits:	LEL: NA UEL: NA
Flash Point (Method Used):	NA
Comments:	NA
Extinguishing Media:	Water Spray(Fog), Foam, Dry Chemical or CO2
Special Fire Fighting Procedures:	To avoid inhalation of smoke/fumes, wear MSHA/NIOSH self contained breathing apparatus. Cool fire exposed containers with water spray.
Unusual Fire Explosion Hazards:	None when used for the intended purpose and the intended conditions. Airborne dispersal of this material, like most organic materials in powder form, is capable of forming explosive mixtures that can produce toxic fumes such as carbon monoxide and CO2.

Section 6. Accidental Release Measures:

Remove any sources of ignition. Minimize the release of particles. Stop leak if you can do it without risks. Wipe up with wet cloth, sweep up, or vacuum spilled toner and carefully transfer into a sealable waste container. Sweep slowly to minimize generation of dust during clean-up (avoid dust inhalation-use appropriate dust mask, if necessary). If a vacuum is used, the motor must be rated as dust tight and equipped with a high efficiency particle air filter. VACUUM SHOULD BE ELECTRICALLY BONDED AND GROUNDED TO DISIPATE STATIC ELECTRICITY. Use of a vacuum cleaner not rated for toner particulate could be a potential fire hazard and / or result in personal injury.

Section 7. Safe Handling and Storage Information:

Handling:	Do not incinerate loose or spilled toner. Residue can be removed with soap and cold water. Garments may be washed or dry cleaned, after removal of loose toner.
Fire & Explosion Prevention:	Store in a cool, well ventilated place away from flames and spark-production equipment. Avoid excessive exposure to heat. Do not store next to strong oxidizers. Keep container tightly closed.
Storage:	Avoid storage in excessive heat or humidity. Keep containers closed. Store in cool, dry place.

Section 8. Control/Personal Protection Information:

Respiratory Protection:	Normally none required, when used as intended in the printing equipment for which it is designed with normal room ventilation. For most conditions, no respiratory protection should be needed; however, in dusty atmospheres or for bulk handling, use an approved dust respirator or mask. Avoid breathing dust if spilled. Avoid use of product in unventilated areas.
Ventilation	
Local Exhaust:	Good general ventilation should be sufficient for most conditions under normal use. Bulk handling may require local exhaust
Mechanical:	Adequate ventilation. Clean machines often to avoid large amounts of dust.
Special:	NA
Protective Gloves:	Normally none required when used as intended, however, chemical gloves should be worn for bulk handling.
Eye Protection:	No precautions should be needed under normal use, however, safety goggles may be worn.
Other Protective Clothing Equipment:	None required when product is used as intended.
Work and Hygienic Practices:	Practice general hygiene. Residue can be removed with soap and cold water. Wash hands after handling material before eating, drinking, or smoking. Garments may be washed or dry cleaned, after removal of loose toner. Do not wear contaminated clothing.
Other:	When used in bulk toner processing facilities, goggles, and respirators may be required.

Section 9. Physical & Chemical Information:

Boiling Point:	NA	Specific Gravity:	1.44
Vapor Pressure:	Negligible	Vapor Density (Air=1):	NA
Melting Point:	N/A*	Evaporation Rate:	NA

Solubility in Water: Insoluble Appearance and Odor: Black Powder, Slight Odor

Section 10. Reactivity Information:

Stability: Stable
Conditions to Avoid: None
Incompatibility: None Known
Hazardous Decomposition Byproducts: Combustion products may be toxic. Avoid breathing dust. Carbon dioxide, carbon monoxide.
Hazardous Polymerization: Will not occur

Section 11. Toxicology Information:

Acute Toxicity: Not acutely toxic; LD50 to be >500mg/kg
Chronic Toxicity: Not expected to be toxic
IARC, NTP, or OSHA: Toner not listed

Section 12. Ecological Information:

Environmental impact rating (0-4): Not Available
Acute Aquatic Toxicity: Not Available
Degradability: Not Available
Log Bioconcentration factor (BCF): Not Available
Octanol/Water Partition Coefficient: Not Available

Section 13. Waste Disposal Method:

Used toner should be disposed of in an environmentally safe manner and in accordance with all government regulations. Incinerate or landfill in a closed package at a facility which meets the conditions to insure compliance with Federal, State, and/or local regulations.

Section 14. Transportation Information

DOT: Not Regulated

Section 15. Regulatory Information:

NA:

Section 16. Other information:

None

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