

# MATERIAL SAFETY DATA SHEET

LANIER  
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 ATLANTA, GA 30345-2979  
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SUPERSEDES: 78696954086

ISSUED: AUGUST 1986  
 DOCUMENT NO: FX-001  
 DUNS NO: 150634004

DPI I.D. NUMBER: U78803592449

**1. PRODUCT IDENTIFICATION**

CHEMICAL FAMILY:  
 N/A

TRADE NAME:  
 Type 436 Toner Powder

DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME:  
 N/A

DEPARTMENT OF TRANSPORTATION HAZARD CLASS:  
 N/A

**2. INGREDIENTS**

	PERCENT	CAS NO.	EXPOSURE LIMITS	SOURCE*
Resin	30.0 - 50.0	N/D	N/D	E
Magnetite	40.0 - 60.0	1309-38-2	10 MG/CU M	A
Carbon Black	1.0 - 10.0	1333-86-4	3.5 MG/CU M	A

\* SOURCE OF EXPOSURE LIMIT DATA:

- A. ACGTH THRESHHOLD LIMIT VALUES
- C. LANIER GUIDELINES
- E. NONE ESTABLISHED

- B. FEDERAL OSHA PERMISSIBLE EXPOSURE LIMIT
- D. MANUFACTURER RECOMMENDED GUIDELINES

N/A = NOT APPLICABLE      N/D = NOT DETERMINED

**3. PHYSICAL DATA**

BOILING POINT: N/A	°F	SOLUBILITY IN H2O: Nil
VAPOR PRESSURE: N/A	AT °F	SPECIFIC GRAVITY (H2O=1): > 1
VAPOR DENSITY: N/A	(AIR = 1)	pH: N/A
EVAPORATION RATE: N/A	(ETHER = 1)	VISCOSITY: N/A
% VOLATILE: N/A		

APPEARANCE AND ODOR: Fine black powder. Slight odor.

**4. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (TEST METHOD):  
 N/A

FLAMMABILITY LIMITS:  
 LEL = N/A      UEL = N/A

EXTINGUISHING MEDIA:  
 Water, carbon dioxide, foam

SPECIAL FIRE FIGHTING PROCEDURES:  
 Avoid straight stream of water which may cause powder to become airborne.

UNUSUAL FIRE AND EXPLOSION HAZARDS: As with many dusts, if a sufficient concentration becomes airborne, an explosion hazard may exist.

**5. REACTIVITY DATA**

STABILITY:    STABLE     UNSTABLE     HAZARDOUS POLYMERIZATION:    MAY OCCUR     MAY NOT OCCUR

INCOMPATIBILITY - MATERIALS TO AVOID:  
 None under normal use.

CONDITIONS TO AVOID:

HAZARDOUS DECOMPOSITION PRODUCTS:  
 Carbon dioxide, carbon monoxide, and carbon particles, if burned.

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TRADE NAME: Type 436 Toner Powder		DATE: August 1986
6. ENVIRONMENTAL INFORMATION		
SPILL RESPONSE: (OBSERVE ALL PRECAUTIONS IN SECTION 7): Vacuum, use wet sweeping compound or wet down with water to avoid dusting.		
RECOMMENDED DISPOSAL: Dispose of product in a sanitary landfill in accordance with applicable regulations.		
ENVIRONMENTAL DATA: N/A		
7. PRECAUTIONARY INFORMATION		
Avoid eye contact and excessive inhalation of dust. Store in cool, dry place (below 90°F). Avoid spark and flame while toner is being added to hopper or when toner is airborne.		
8. HEALTH HAZARD DATA	9. SUGGESTED FIRST AID	
EYE CONTACT:  May cause slight eye irritation.	In case of eye contact, flush eyes with large amounts of water for at least ten minutes and contact a physician.	
SKIN CONTACT:  No adverse health effects are expected.	Wash affected area with soap and water.	
INHALATION:  May cause respiratory system irritation.	If respiratory irritation or other symptoms occur, move to fresh air.	
IF SWALLOWED:  No adverse health effects are expected.	Contact a physician or poison control center.	

THE INFORMATION ON THIS DATA SHEET REPRESENTS OUR CURRENT DATA AND BEST OPINION AS TO THE PROPER USE IN HANDLING OF THIS PRODUCT UNDER NORMAL CONDITIONS. USING THE PRODUCT WHICH IS NOT IN CONFORMANCE WITH THIS DATA SHEET OR WHICH INVOLVES USING THE PRODUCT IN COMBINATION WITH ANY OTHER PRODUCT OR ANY PROCESS IS THE RESPONSIBILITY OF THE USER.