

MATERIAL SAFETY DATA SHEET

LANIER
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1. PRODUCT IDENTIFICATION

CHEMICAL FAMILY:
N/A

TRADE NAME:
Type 442 VRC Toner

DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME:
N/A

DEPARTMENT OF TRANSPORTATION HAZARD CLASS:
N/A

2. INGREDIENTS	PERCENT	CAS NO.	EXPOSURE LIMITS	SOURCE*
Epoxy Resin Bisphenol A Type - MW > 1000	50.0 - 75.0	25068-38-6	N/D	E
Vinyl Toluene/Butadiene Copolymer	5.0 - 20.0	N/D	N/D	E
Magnite	10.0 - 30.0	1309-38-2	10 MG/CU M	A
Organic Dye	1.0 - 10.0	N/D	N/D	E

* SOURCE OF EXPOSURE LIMIT DATA:

A. ACGTH THRESHHOLD LIMIT VALUES

B. FEDERAL OSHA PERMISSIBLE EXPOSURE LIMIT

C. LANIER GUIDELINES

D. MANUFACTURER RECOMMENDED GUIDELINES

E. NONE ESTABLISHED

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, foam, carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES:

Avoid straight stream of water which may cause powder to become airborne.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Toner dust cloud can create an explosion hazard.

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, short chain hydrocarbons and carbon particulates, if burned.

