MATERIAL SAFETY DATA SHEET

Trade Name: Lanier 6217/6717/6616/6720 Black Toner

Lanier
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1. Product Identification
   Chemical Family: Electrostatic Toner
   6217/6717/6616/6720 Black Toner

1.1 Ingredients: (Chemical character) Percent CAS No. Exposure Limits Source
   Carbon black 5-10 1333-86-4 3.5 mg/m³ / 3.5 mg/m³ A/B
   Styrene acrylic Resin 85-90 25153-46-2 3.5 mg/m³ A/B
   Wax 9003-07-0 3.5 mg/m³ A/B
   Organic Pigment 1-6 116810-46-9 15 mg/m³ / 10 mg/m³ A/B
   Silica <1 7631-86-9 15 mg/m³ / 10 mg/m³ A/B

TLV as the product: 10 mg/m³ (total dust), 5 mg/m³ (respirable dust)
PEL as the product: 15 mg/m³ (total dust), 5 mg/m³ (respirable dust)

1.2 Form: Fine Black Powder 1.3 Color: Black 1.4 Smell: Practically Odorless

2. Physical & Safety Data - (Test = Tested in accordance with specifications)

2.1 Change in Physical State Test 2.10 Thermal Decomposition: Melt point 160°C
   Boiling Point: N/A 2.11 Hazardous Decomposition Product/s: Carbon Dioxide,
   Evaporation Rate: (Ether=1): N/A Carbon Monoxide
   Vapor Density: (Air=1): N/A
   Bulk Density: N/A
   Vapor Pressure: N/A
   Viscosity: N/A
   Specific Gravity:(H2O=1): 1.1
   Solubility in H2O: Insoluble
   pH Value: N/A
   % Volatile: N/A
   Flashpoint: N/A
   Flammability Limits: N/A, LEL, UEL
   Ignition Temperature
   Exposure Limit

2.2 Physical Data
   Heat of Fusion (cal/g): N/A
   Heat of Vaporization (cal/g): N/A
   Latent Heat of Sublimation (cal/g): N/A
   Volume Expansion Factor: N/A
   Electrical Conductivity: N/A

2.3 Chemical Stability

2.4 Reactions

2.5 Hypothesis of Reaction

2.6 Analysis

2.7 Hazards to Avoid

2.8 Stability

2.9 Physical Hazards

3. Department of Transportation (Transport)
   Proper Shipping Name: N/A
   GGVE/GGVS: UN No.: ICAO/IATA-DGR:
   GGVSee/IMDG Code: ADNR:

3.1 Transportation (Regulations)
   Hazard Class: N/A Inert resinated black powder.
   Other Information:
Trade Name: 6517/6717/6616/6720 Black Toner

PRECAUTIONARY INFORMATION


5.1 Technical Protective Measures: Keep container closed.

5.2 Personal Protective Equipment:
- Respiratory Protection: None
- Hand Protection: None
- Eye Protection: None
- Other: None

5.3 Industrial Hygiene: Minimize breathing dust. Avoid skin contact.

5.4 Fire and Explosion Protection: None required under normal use.

5.5 Recommended Disposal: Dispose in accordance to local, state, and federal regulations.

SPILL RESPONSE

6. Measures in case of Accidents and Fires:

6.1 After Spilling / Leakage / Gas Leakage: Sweep up powder or vacuum with Lanier approved vacuum cleaner.

6.2 Extinguishing Media:
- Suitable Fire Fighting Material: Extinguish with water, CO₂, dry chemical, foam.
- Material to Avoid: None
- Special Fire Fighting Procedures: Not flammable or combustible but will burn if ignited. Avoid creating dust cloud.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal storage and usage conditions.

HEALTH HAZARD DATA

6.3 FIRST AID:

Eye Contact: Contact may result in mechanical irritation.

Wash eyes immediately with running water for 15 minutes. If irritation occurs, get medical attention.

Skin Contact: Neither irritating or corrosive, volatile or toxic.

Wash affected area with soap and water. If irritation occurs, seek medical attention. Launder contaminated clothing in cold water.

Inhalation: Dust may irritate mucous membrane.

Remove to fresh air. Aid in breathing, if necessary, get medical attention.

If Swallowed: Ingestion may result in gastric disturbances.

Dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if victim is unconscious or having convulsions. Get medical attention.

6.4 Further Information: Health hazard is minimal, being neither irritating, corrosive, toxic or volatile.

7. Toxicological Information: Mutagenicity is negative. Contains no chemicals which are rated carcinogenic on NTP, IARC, and OSHA.

8. Ecological (Environment) Information: Dispose of in sealed container.

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.