

ELEMENTIS PIGMENTS INC -- CARBON BLACK, LB-1011

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MSDS Safety Information
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FSC: 6810
MSDS Date: 01/01/1998
MSDS Num: CJRYN
LIIN: 00N092373
Product ID: CARBON BLACK, LB-1011
MFN: 01
Responsible Party
Cage: TO307
Name: ELEMENTIS PIGMENTS INC
Address: 11 EXECUTIVE DR, SUITE 1
City: FAIRVIEW HEIGHTS IL 62208
Info Phone Number: 618-271-4700
Emergency Phone Number: 800-424-9300
Resp. Party Other MSDS No.: PIGMENT/EPI-001
Preparer's Name: R.E. RADER
Chemtrec IND/Phone: (800)424-9300
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: TO307
Name: ELEMENTIS PIGMENTS INC
Address: 11 EXECUTIVE DR, SUITE 1
City: FAIRVIEW HEIGHTS IL 62208
Phone: 618-271-4700

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Ingredients
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Cas: 1333-86-4
RTECS #: FF5800000
Name: CARBON BLACK
> Wt: 98.
OSHA PEL: 3.5 MG/M3
ACGIH TLV: 3.5 MG/M3
ACGIH STEL: NOT ESTABLISHED

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Health Hazards Data
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LD50 LC50 Mixture: SEE TOXICOLOGICAL INFORMATION.
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: YES
OSHA: NO
Effects of Exposure: ACUTE: ACUTE INHALATION EXPOSURES MAY CAUSE DISCOMFORT OR IRRITATION TO NASAL AND RESPIRATORY PASSAGES. PROLONGED SKIN AND EYE CONTACT MAY CAUSE IRRITATION. CHRONIC: NONE KNOWN.
Explanation Of Carcinogenicity: CARBON BLACK: IARC MONOGRAPHS ON EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO MAN, VOL 65, PG 149, 1996: GROUP 2B.
Signs And Symptoms Of Overexposure: DISCOMFORT OR IRRITATION TO THE RESPIRATORY TRACT AND NASAL PASSAGES. MAY CAUSE IRRITATION TO EYES WITH

PROLONGED CONTACT.

First Aid: EYES: FLUSH WITH GENEROUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL MD IF IRRITATION PERSISTS. SKIN: WASH DUST FROM SKIN WITH MILD SOAP AND WATER. INHALATION: REMOVE FROM EXPOSURE AREA. INGESTION: IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER TO INDUCE VOMITING. GET MEDICAL ATTENTION.

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Handling and Disposal
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Spill Release Procedures: NORMAL CLEANUP PROCEDURES. CARE SHOULD BE TAKEN TO AVOID CAUSING DUST TO BECOME AIRBORNE. VACUUM CLEANING SYSTEMS ARE RECOMMENDED.

Waste Disposal Methods: DISPOSE MUST BE MADE I/A/W FEDERAL, STATE AND LOCAL REGULATIONS PURSUANT TO 40 CFR PART 261 OF THE RESOURCE CONSERVATION & RECOVERY ACT (RCRA). CERCLA OR DOT REGULATIONS CURRENTLY IN EFFECT, DISCARDED

CARBON BLACK WOULD NOT BE CLASSIFIED AS A HAZARDOUS WASTE.

Handling And Storage Precautions: FOR TRANSPORTATION EMERGENCIES, CALL CHEMTREC, 24 HOUR INFORMATION SERVICE, (800-424-9300).

Other Precautions: GOOD INDUSTRIAL HYGIENE PRACTICE REQUIRES THAT EMPLOYEE EXPOSURE BE MAINTAINED BELOW THE RECOMMENDED TLV. THIS IS PREFERABLY ACHIEVED THROUGH THE PROVISION OF ADEQUATE VENTILATION WHERE NECESSARY. WHERE DUST CANNOT BE CONTROLLED IN THIS WAY, PERSONAL NIOSH APPROVED RESPIRATORY PROTECTION SHOULD BE EMPLOYED.

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Fire and Explosion Hazard Information
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Autoignition Temp: >260.C, 500.F

Extinguishing Media: WATER FOG. IT MAY NOT BE APPARENT THAT CARBON BLACK IS BURNING UNLESS MATERIAL IS STIRRED AND SPARKS ARE EVIDENT.

Fire Fighting Procedures: USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard: THIS MATL IS SLIGHT FIRE HAZ WHEN EXPOS TO HEAT/FLAME. THIN LAYERS OF DUST WILL IGNITE AT ABOUT 500F. DUST CLOUDS CAN IGNITE ON CONT W/INTENSELY HEATED SURF, PRESENTING FIRE, MORE THAN AN EXPLO HAZ. BURNING CARBON BLACK CAN PRDCE CARBON MON OXIDE & SULFUROXIDES. HAZ RATINGS: HLTH - 0; FLAMMABILITY - 1; REACTIVITY - 0.

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Control Measures
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Respiratory Protection: USE OF NIOSH APPROVED DUST MASK OR PARTICULATE RESPIRATOR IS RECOMMENDED WHEN EXPOSURE LIMITS MAY BE EXCEEDED. THE PERFORMANCE RATING OF THE RESPIRATOR SHOULD BE ADEQUATE FOR THE PARTICULAR DUST EXPOSURE LEVELS.

Ventilation: LOCAL EXHAUST VENTILATION TO COLLECTOR OR CONTAINMENT RECOMMENDED TO CONTROL DUST TO BELOW EXPOSURE LIMITS.

Protective Gloves: LEATHER OR RUBBER GLOVES.

Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: EYE WASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Supplemental Safety and Health: PHYSICAL/CHEMICAL CHARACTS: APPARENT DENSITY: 8-10 LBS/FT *3 POWDER.

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Physical/Chemical Properties
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Melt/Freeze Pt: >3500.C, #####F

Vapor Pres: NIL

Spec Gravity: 1.79 (H*20=1)
Solubility in Water: INSOLUBLE
Appearance and Odor: BLACK POWDER; NO ODOR.

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Reactivity Data
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Stability Indicator: YES
Materials To Avoid: STRONG OXIDIZERS SUCH AS CHLORATES, BROMATES AND NITRATES.
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, SULFUR OXIDES.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

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Toxicological Information
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Toxicological Information: CARBON: LD50:(INTRAVENOUS,MOUSE) = 440 MG/KG.
EPIDEMIOLOGICAL STUDIES OF THE INCIDENCE OF CANCER, CARDIOVASCULAR AND RESPIRATORY DISEASE IN WORKERS IN THE CARBON BLACK PRODUCING INDUSTRY HAVE SHOWN NO SIGNIFICANT HEALTH EFFECTS DUE TO OCCUPATIONAL EXPOSURE TO CARBON BLACK.

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Ecological Information
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MSDS Transport Information
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Transport Information: DOT CLASS: NOT REGULATED.

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Regulatory Information
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Sara Title III Information: SECTION 313 SUPPLIER NOTIFICATION: THIS PRODUCT DOES NOT CONTAIN TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.

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HAZCOM Label
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Product ID: CARBON BLACK, LB-1011
Cage: TO307
Assigned IND: Y
Company Name: ELEMENTIS PIGMENTS INC
Street: 11 EXECUTIVE DR, SUITE 1
City: FAIRVIEW HEIGHTS IL
Zipcode: 62208
Health Emergency Phone: 800-424-9300
Label Required IND: Y
Date Of Label Review: 09/29/1999
Status Code: A
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard: Severe
Contact Hazard: Moderate

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: ACUTE: ACUTE INHALATION EXPOSURES MAY CAUSE DISCOMFORT

OR IRRITATION TO NASAL AND RESPIRATORY PASSAGES. PROLONGED SKIN AND EYE CONTACT MAY CAUSE IRRITATION. DISCOMFORT OR IRRITATION TO THE RESPIRATORY TRACT AND NASAL PASSAGES. MAY CAUSE IRRITATION TO EYES WITH PROLONGED CONTACT. CHRONIC: CANCER HAZARD. CONTAINS CARBON BLACK WHICH IS LISTED AS AN ANIMAL LUNG CARCINOGEN (FP N).

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