

KIRKWOOD CARBON CO -- CARBON-GRAPHITE WITH FILMING ADDITIVE -- 5977-00-851-8011

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Product Identification
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Product ID:CARBON-GRAPHITE WITH FILMING ADDITIVE

MSDS Date:12/27/1990

FSC:5977

NIIN:00-851-8011

MSDS Number: BLBBJ

=== Responsible Party ===

Company Name:KIRKWOOD CARBON CO

Address:4857 W 130TH STREET

City:CLEVELAND

State:OH

ZIP:44135-5137

Country:US

Info Phone Num:216-267-6200

Emerg

ency Phone Num:216-267-6200

Preparer's Name:CHARLES FARAGO

CAGE:99533

=== Contractor Identification ===

Company Name:ELECTRO-LINE INC

Address:118 S TERRY ST

Box:1688

City:DAYTON

State:OH

ZIP:45401

Country:US

Phone:513-461-5683

CAGE:07232

Company Name:KIRKWOOD CARBON CO

Address:4857 W 130TH STREET

Box:City:CLEVELAND

State:OH

ZIP:44135-5137

Country:US

Phone:216-267-6200

CAGE:99533

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Composition/Information on Ingredients
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Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:

FF5800000
Fraction by Wt: 50-100%
Other REC Limits:2.5 MG/M3
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3; 9192

Ingred Name:GRAPHITE, NATURAL
CAS:7782-42-5
RTECS #:MD9659600
Fraction by Wt: 0-50% %
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MPPCF RDUST
ACGIH TLV:2 MG/M3 RDUST; 9293

Ingred Name:BARIUM (SARA III)
CAS:7440-39-3
RTECS #:CQ8370000
Fraction by Wt: 0-10% %
Other REC Limits:1.0 MG/M3
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG/M3; 9192

Ingred Name:MOLYBDENUM
CAS:7439-98-7
RTECS #:QA4680000
Fract
ion by Wt: 0 -10%
Other REC Limits:5 MG/M3
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3; 9293

Ingred Name:TUNGSTEN
CAS:7440-33-7
RTECS #:YO7175000
Fraction by Wt: 0-10% %
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3/ 10 STEL
ACGIH TLV:5 MG/M3/10 STEL;9192

Ingred Name:SILICON CARBIDE
CAS:409-21-2
RTECS #:VW0450000
Fraction by Wt: 0 - 1% %
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

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===== Hazards Identification =====

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:PROLONGED AND REPEATED OVEREXPOSURE TO DUST MAY CAUSE PULMONARY FIBROSIS OR EMPHYSEMA. DUST PARTICLES MAY CAUSE MECHANICAL IRRITATION TO THE EYE AND/OR SKIN.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO CONSTITUENTS CURRENTLY CLASSIFIED AS CARCINOGENS BY NTP, IARC OR OSHA.

Effects of Overexposure:

TYPICAL FOR A NUISANCE DUST, ACUTE EFFECTS AS A LOCAL IRRITANT. BARIUM CAN CAUSE DERMITITIS OF THE SKIN.

Medical Conditions Aggravated by Exposure:PRE-EXISTING SKIN CONDITIONS AND/OR RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO PRODUCT.

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First Aid Measures
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First Aid:IN CASE OF EYE CONTACT, FLUSH WITH WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. TREAT SYMPTOMATICALLY.

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Fire Fighting Measures
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Flash Point:DOES NOT FLASH

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:USE SAND, WATER, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:NONE OF THE INGREDIENTS ARE NORMALLY EXPLOSIVE, BUT THEY MAY WEAKLY CONTRIBUTE IF THE EVENT IS INITIATED BY ANOTHER EXPLOSIVE MATERIAL.

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Accidental Release Measures
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Spill Release Procedures:NORMAL HOUSEKEEPING PRACTICE -- SWEEP, SHOVEL OR VACUUM CLEANUP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:CARBON AND GRAPHITE ARE ELECTRICALLY CONDUCTIVE. DUST ACCUMULATIONS MAY CAUSE ELECTRICAL SHORT CIRCUITS OR OTHER MALFUNCTIONS.

Other Precautions:NO

NE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH APPROVED TYPE IF TLV OR PEL IS EXCEEDED.

Ventilation:USE DUST COLLECTOR WHEN MACHINING.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:RECOMMENDED

Other Protective Equipment:NORMAL WORK CLOTHING.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

NONE SPECI

FIED BY MANUFACTURER.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:>2100F

Vapor Pres: