

COMPOSITION MATERIALS COMPANY, INC. -- LIONINITE, ALUMINUM OXIDE -- 5350-00-619-8973

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Product Identification
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Product ID:LIONINITE, ALUMINUM OXIDE

MSDS Date:10/01/1991

FSC:5350

NIIN:00-619-8973

MSDS Number: CDVLR

=== Responsible Party ===

Company Name:COMPOSITION MATERIALS COMPANY, INC.

Address:1375 KINGS HIGHWAY EAST

City:FAIRFIELD

State:CT

ZIP:06430

Country:US

Info Phone Num:203-384-6

111

Emergency Phone Num:203-286-1234

CAGE:98231

=== Contractor Identification ===

Company Name:COMPOSITION MATERIALS CO INC

Address:1375 KINGS HIGHWAY EAST

Box:City:FAIRFIELD

State:CT

ZIP:06430

Country:US

Phone:203-384-6111

CAGE:98231

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Composition/Information on Ingredients
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Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (SARA 313)

CAS:1344-28-1

RTECS #:BD1200000

Fraction by Wt: 96.4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:TI

TANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 2.7%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:SILICA GEL
CAS:112945-52-5
RTECS #:VV7310000
Fraction by Wt: 0.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:MAGNESIUM OXIDE
CAS:1309-48-4
RTECS #:OM3850000
Fraction by Wt: 0.2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3;

Ingred Name:IRON OXIDE
CAS:1309-37-1
RTECS #:NO7400000
Fraction by Wt: 0.1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:CALCIUM OXIDE
CAS:1305-78-8
RTECS #:EW3100000
Fraction by Wt: 0.1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:2 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: RESPIRATORY DISORDER,
IRRITATIO

N TO MUCOUS MEMBRANE, RESPIRATORY TRACT IRRITATION. EYE:
IRRITATION. SKIN: IRRITATION.

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First Aid Measures
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First Aid:INHALATION: REMOVE TO FRESH AIR. EYE: IRRIGATE. SKIN:
IRRIGATE W/LARGE AMOUNTS WATER. GET MEDICAL AID.

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Fire Fighting Measures
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Flash Point:NONFLAMMABLE
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:NA
Fire Fighting Procedures:NA
Unusual Fire/Explosion Hazard:NA

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Accidental Release Measures
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Spill Release Procedures:USE NORMAL PRECAUTIONS FOR INERT OR NUISANCE
DUST.

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Handling and Storage
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Handling and Storage Precautions:USE PROCEDURES WHICH LIMIT EXPOSURE TO
EXCESSIVE AIRBOURNE DUST.
Other Precautions:NA

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Exposure Controls/Personal Protection
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Respiratory Protection:NIOSH APPROVED RESPIRATORY PROTECTION DEVICES
FOR NUISANCE DUST.
Vent
ilation:LOCAL EXHAUST TO KEEP AIRBOURNE CONCENTRATIONS BELOW TLV.
Protective Gloves:YES
Eye Protection:NIOSH APPROVED
Other Protective Equipment:ARM SLEEVES, BARRIER CREAMS
Work Hygienic Practices:MAINTAIN NORMAL HOUSEKEEPING FOR NUISANCE DUST.
Supplemental Safety and Health
NK

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Physical/Chemical Properties
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Boiling Pt:B.P. Text:NA
Melt/Freeze Pt:M.P/F.P Text:3722F,2050C
Vapor Pres:0
Vapor Density:NA
Spec Gravity:3.95
Evaporation Rate & Reference:NA
So

solubility in Water:INSOLUBLE

Appearance and Odor:LIGHT TO DARK BROWN, NO ODOR

Percent Volatiles by Volume:NA

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

HOT CHLORINATED RUBBER

Stability Condition to Avoid:NA

Hazardous Decomposition Products:NA

===== Disposal Considerations =====

Waste Disposal Methods:ACCORDING TO FEDERAL STATE AND LOCAL REGULATIONS.

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