

LIONITE ALUMINUM OXIDE; GFK

MSDS Number

BXJQR

National Stock Number

9650-00N059696

Product Name

LIONITE ALUMINUM OXIDE; GFK

Manufacturer

COMPOSITION MATERIALS CO INC

Product Identification

Product ID:LIONITE ALUMINUM OXIDE; GFK

MSDS Date:10/01/1991

FSC:9650

NIIN:00N059696

MSDS Number: BXJQR

Responsible Party

COMPOSITION MATERIALS CO INC

1375 KINGS HIGHWAY EAST

FAIRFIELD , CT 06430

US

Emergency Phone: 716-286-1234

Info Phone: 203-384-6111

Cage: 98231

Contractor

COMPOSITION MATERIALS CO INC

FAIRFIELD, CT 06430

US

203-384-6111

Cage: 98231

Ingredients

ALUMINUM OXIDE (AL*2O*3) (SARA 313))

CAS: 1344-28-1

RTECS: BD1200000

Fraction By Weight: 96.4%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9495

TITANIUM OXIDE; (TIO*2) (TITANIUM DIOXIDE)

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 2.7%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9495

SILICON DIOXIDE (SIO*2)

CAS: 112945-52-5

RTECS: VV7310000

Fraction By Weight: 0.5%

OSHA PEL6 MG/M3

ACGIH TLV: 10 MG/M3

MAGNESIUM OXIDE (MGO)

CAS: 1309-48-4

RTECS: OM3850000

Fraction By Weight: 0.2%

OSHA PEL15 MG/M3 PARTICULATE

ACGIH TLV: 10 MG/M3; FUME; 9495

IRON OXIDE (FE*2 O*3)

CAS: 1309-37-1

RTECS: NO7400000

Fraction By Weight: 0.1%

OSHA PEL10 MG/M3 (FE)

ACGIH TLV: 5MG(FE)/M3FUME,B2;95

CALCIUM OXIDE (CAO)

CAS: 1305-78-8

RTECS: EW3100000

Fraction By Weight: 0.1%

OSHA PEL5 MG/M3

ACGIH TLV: 2 MG/M3; 9495

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:EXPOSURE TO EXCESSIVE AIRBORNE CONCENTRATIONS MAY RESULT IN ACUTE RESPIRATORY DISORDERS.

INDIVIDUALS WITH IMPAIRED PULMONARY FUNCTION SHOULD NOT BE SUBJECTED TO EXCESSIVE AIRBORNE CONCENTRATIONS . SYMPTOMS OF EXCESSIVE EXPOSURE MIGHT INCLUDE DEPOSITS OF MATERIAL IN EYES, EARS, NASAL PASSAGES AND (EFTS OF OVEREXP)

Explanation of Carcinogenicity:CRYSTALLINE SILICA (SILICON DIOXIDE):

IARC GROUP 2A, SUP 7, P 341, 1987; ANTIC CARCIN, NTP 7TH ANN RPT ON CARCINS, 1994.

Effects of Overexposure:HLTH HAZ: IRRITATION OF THE MUCUOUS MEMBRANES, EYES AND RESPIRATORY TRACT. IRRITATION OF THE SKIN MAY ALSO OCCUR DUE TO MECHANICAL/CHEMICAL ACTION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INGEST: CALL MD IMMEDIATELY . INHAL: REMOVE FROM EXPOSURE.

EYE AND SKIN: IRRIGATE EYES AND SKIN WITH COPIOUS QUANTITIES OF

WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.

Fire Fighting

Extinguishing Media:MEDIA SUITABLE FOR SURROUNDING FIRE .
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:NOT APPLICABLE.

Accidental Release

Spill Release Procedures:NORMAL PRECAUTIONS FOR INERT OR NUISANCE DUSTS AND PARTICULATES.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:USE HANDLING PROCEDURES WHICH WILL LIMIT EXPOSURE TO EXCESSIVE AIRBORNE DUST.
Other Precautions:NOT APPLICABLE.

Exposure Controls

Respiratory Protection:UTILIZE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION DEVICES FOR NUISANCE DUST.
Ventilation:UTILIZED LOCAL EXHAUST TO KEEP AIRBORNE CONCENTRATION BELOW TLV.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .
Other Protective Equipment:ANSI APPROVD EMER EYE WASH & DELUGE SHOWER .
ARM SLEEVES/BARRIER CREAMS MAY BE USEFUL IN PREVENTION OF DERMATITIS.
Work Hygienic Practices:MAINTAIN NORMAL HOUSEKEEPING PROCEDURES FOR NUISANCE DUST.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

Boiling Pt:B.P. Text:3722F,2050C
Vapor Pres:0
Spec Gravity:3.95 (H*20 = 1)
Solubility in Water:INSOLUBLE
Appearance and Odor:LIGHT TO DARK BROWN, NO ODOR

Stability

Stability Indicator/Materials to Avoid:YES
INCOMPATIBLE WITH HOT CHLORINATED RUBBER.
Stability Condition to Avoid:NOT APPLICABLE.
Hazardous Decomposition Products:NOT APPLICABLE.

Disposal

Waste Disposal Methods:DISPOSE OF IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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