



X-148, SILICON CARBIDE, FINES, FRIT, CLAY OR (SUPDAT)

MSDS Number

CGSPF

National Stock Number

6810-00N084263

Product Name

X-148, SILICON CARBIDE, FINES, FRIT, CLAY OR (SUPDAT)

Manufacturer

NEW CASTLE REFRACTORIES

Product Identification

Product ID:X-148, SILICON CARBIDE, FINES, FRIT, CLAY OR (SUPDAT)

MSDS Date:05/25/1986

FSC:6810

NIIN:00N084263

MSDS Number: CGSPF

Responsible Party

NEW CASTLE REFRACTORIES

INDUSTRIAL ST

NEW CASTLE , PA 16103

US

Emergency Phone: 412-654-7711

Info Phone: 412-654-7711

Cage: 75471

Contractor

NEW CASTLE REFRACTORIES

471

NEW CASTLE, PA 16103

US

412-654-7711

Cage: 75471

Ingredients

SILICA GEL; (SIO₂, SILICA)

CAS: 112945-52-5

RTECS: VV7310000

Fraction By Weight: 5-15%

OSHA PEL6 MG/M3

ACGIH TLV: 10 MG/M3

3); (AL₂O₃, ALUMINUM OXIDE) (SARA 313)

CAS: 1344-28-1

RTECS: BD1200000

Fraction By Weight:

OSHA PEL15 MG/M3 TDUST



ACGIH TLV: 10 MG/M3 TDUST

SILICON CARBIDE; (SIC)

CAS: 409-21-2

RTECS: VW0450000

Fraction By Weight: 84-91%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST

SILICA, CRYSTALLINE - QUARTZ; (DUST FROM THIS PRODUCT MAY

CAS: 14808-60-7

RTECS: VV7330000

OSHA PELN/K

ACGIH TLV: 0.1 MG/M3 RDUST

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:AS SUPPLIED, PRODUCT PRESENTS NO KNOWN HAZARDS. IF MACHINED OR OTHERWISE MADE AIRBORNE, DUST MAY CAUSE RESPIRATORY, SKIN AND EYE IRRITATION. PROLONGED INHALATION OF DUST MAY LEAD TO PERMANENT LUNG INJURY (SILICOSIS). SYMPTOMS INCLUDE DIFFICULTY BREATHING, CHEST PAINS AND COUGH. SYMPTOMS MAY NOT DEVELOP(EFTS OF OVEREXP)
Explanation of Carcinogenicity:SILICA, CRYSTALLINE-QUARTZ:IARC MONOGRAPHS, VOL 68, 1997:GRP 1. NTP 7TH ANNUAL RPT ON CARCINS, 1994:ANTIC TO BE CARCIN.
Effects of Overexposure:HLTH HAZ:UNTIL AFTER YEARS OF EXPOSURE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INGEST:CALL MD IMMEDIATELY . EYES:FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN:WASH THOROUGHLY W/SOAP & WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHAL:MOVE VICTIM TO FRESH AIR. GET MEDICAL HELP IF IRRITATION PERSISTS.

Fire Fighting

Flash Point:NONE
Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING MATERIALS.
Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . NO SPECIAL PROCEDURES REQUIRED.
Unusual Fire/Explosion Hazard:NONE KNOWN.

Accidental Release

Spill Release Procedures:USE GOOD HOUSEKEEPING PROCEDURES. AVOID PROCEDURES WHICH WILL CREATE DUST.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN A DRY AREA. THIS PRODUCT IS AN "ARTICLE" AS DEFINED BY THE FEDERAL HAZARD COMMUNICATION STANDARD.
Other Precautions:ALTERATIONS MADE BY CUTTING OR GRINDING MAY RELEASE HAZARDOUS COMPONENTS.

Exposure Controls



Respiratory Protection:NOT NORMALLY REQUIRED. IF AIRBORNE PARTICULATES ARE GENERATED, USE A NIOSH APPROVED DUST/MIST RESPIRATOR.
Ventilation:LOC EXHST MAY BE NEC WHEN CUTTING OR GRINDING. SPECIFIC NEEDS SHOULD BE ADDRESSED BY SUPERVISORY OR HLTH/SFTY PERSONNEL.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .
Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA .
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
MFR'S TRADE NAME/PART NO:NITRIDE BONDED.

Chemical Properties

Spec Gravity:2.4-2.5
Appearance and Odor:SOLID ARTICLE; ODORLESS.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:NONE KNOWN.

Disposal

Waste Disposal Methods:DISPOSE OF I/A/W LOCAL, STATE & FEDERAL REGULATIONS.

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