

HARBISON-WALKER REFRACTORIES DIV.OF DRESSER IND. -- ANCHOR DASH -- 9350-00-574-2871
===== Product Identification =====

Product ID:ANCHOR DASH

MSDS Date:11/17/1988

FSC:9350

NIIN:00-574-2871

MSDS Number: BFFRL

=== Responsible Party ===

Company Name:HARBISON-WALKER REFRACTORIES DIV.OF DRESSER IND.

Address:ONE GATEWAY CENTER

City:PITTSBURGH

State:PA

ZIP:15222

Info Phone Num:412-562-6200

Emergency Pho

ne Num:412-562-6437

Preparer's Name:C.D. JAMISON

CAGE:JO290

=== Contractor Identification ===

Company Name:DRESSER INDUSTRIES INC

Address:ONE GATEWAY CENTER

Box:City:PITTSBURGH

State:PA

ZIP:15222-1416

Country:US

Phone:412-367-3444

CAGE:73064

Company Name:HARBISON-WALKER

Address:ONE GATEWAY CENTER

Box:City:PITTSBURGH

State:PA

ZIP:15222

Country:PA

Phone:412-562-6437

CAGE:JO290

===== Composition/Information on Ingredients =====

Ingred Name:SILICA, CRYSTALLINE - CRISTOBALITE

CAS:

14464-46-1
RTECS #:VV7325000
Fraction by Wt: 2-5%
Other REC Limits:NONE
OSHA PEL:SEE TABLE Z3
ACGIH TLV:0.05 MG/M3 RDUST9293

Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (EPA LISTS ONLY FIBROUS FORMS) (SARA III)
CAS:1344-28-1
RTECS #:BD1200000
Fraction by Wt: 22-24%
Other REC Limits:NONE
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS OF OVEREXPOSURE.
Explanation of Carcinogenicity:THERE IS LIMITED EVIDENCE FOR CARCINOGENICITY OF CRYSTALLINE SILICA TO HUMANS (BY IARC).
Effects of Overexposure:DELAYED LUNG FIBROSIS-SILICOSIS,SKIN,LUNG,MUCOUS MEMBRANE CARCINOGEN,SKIN IRRITATION,EYE IRRITANT
Medical Cond Aggravated by Exposure:RESPIRATORY AILMENTS.

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===== First Aid Measures =====

First Aid
:EYES/SKIN:FLUSH WITH PLENTY OF WATER;INHALATION:REMOVE TO FRESH AIR.SEE DOCTOR IF DISCOMFORT PERSISTS.

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===== Fire Fighting Measures =====

Extinguishing Media:APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:NONE

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===== Accidental Release Measures =====

Spill Release Procedures:MOST REFRACTORY PRODUCTS MAY BE LANDFILLED

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===== Handling and Storage =====

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Handling and Storage Precautions:USE GLOVES,& WEAR APPROVED DUST RESPIRATORY PROTECTION. WEAR SAFETY GOGGLES & HAVE ADEQUATE VENTILATION WHENEVER HEAVY DUST IS PRESENT

Other Precautions:NONE

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

Respiratory Protection:APPROVED DUST RESPIRATORY PROTECTION

Ventilation:LOCAL EXHAUST

Protective Gloves:ABRASION RESIST

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:METATARSAL SAFETY SHOES

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING.REMOVE AND LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health

NONE

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

HCC:N1

Spec Gravity:2.28

Solubility in Water:INSOLUBLE

Appearance and Odor:LIGHT ORANGE COLOR, SOLID,NO ODOR

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

Stability Indicator/Materials to Avoid:YES

NONE NOTED

Stability Condition to Avoid:NONE NOTED

Hazardous Decomposition Products:NONE NOTED

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

Waste Disposal Methods:CONSULT GOVERNMENTAL AUTHORITY HAVING JURISDICTION FOR DISPOSAL INFORMATION

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