

SAUEREISEN CEMENTS COMPANY -- LOW EXPANSION CEMENT (POWDER) - NO. 29P --
8040-01-081-7247

===== Product Identification =====

Product ID:LOW EXPANSION CEMENT (POWDER) - NO. 29P

MSDS Date:12/01/1993

FSC:8040

NIIN:01-081-7247

Kit Part:Y

MSDS Number: BWRCQ

=== Responsible Party ===

Company Name:SAUEREISEN CEMENTS COMPANY

Address:160 GAMMA DRIVE

City:PITTSBURGH

State:PA

ZIP:15238

Country:US

Info Phone

Num:412-963-0303

Emergency Phone Num:412-963-0303/800-424-9300

CAGE:80703

=== Contractor Identification ===

Company Name:SAUEREISEN CEMENTS COMPANY

Address:160 GAMMA DRIVE

Box:City:PITTSBURGH

State:PA

ZIP:15238

Country:US

Phone:412-963-0303

CAGE:80703

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

Ingred Name:SILICA, CRYSTALLINE - QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3 RDUST; Z-3

ACGIH TLV:0.1 MG/M3 RDUST;9394

Ingred

Name:ZIRCONIUM(IV) SILICATE
CAS:14940-68-2
RTECS #:ZH9000000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5MG/M3 AS ZR
ACGIH TLV:5MG/M3 AS ZR

Ingred Name:SODIUM SILICOFLUORIDE
CAS:16893-85-9
RTECS #:VV8410000
Other REC Limits:2.5 MG/M3 TVL & PEL

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

LD50 LC50 Mixture:LD50 (ORAL-RAT) 125 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INORGANIC FLUORIDES ARE HIGHLY IRRITATING AND TOXIC. MAY CAUSE IRRITATION TO RESPIRATORY TRACT, SKIN AND EYES. CHRONIC: EXPOSURE TO FLUORIDES OVER YEARS MAY PRODUCE EMBRITTLEMENT OF BONE, AND INCREASE CALCIFICATION OF LIGAMENTS. REPEATED INHALATION OF SILICA DUST MAY CAUSE SILICOSIS.
Explanation of Carcinogenicity:SILICA IS LISTED IN NTP AND IARC.
Effects of Overexposure:LARGE DOSES CAN CAUSE NAUSEA, VOMITTING, DIARRHEA, CIRCULATORY AND/OR RESPIRATORY COMPLAINTS AND SKIN RASHES MAY OCCUR.
Medical Conditions Aggravated by Exposure:RESPIRATORY DISEASES INCLUDING ASTHMA AND EMPHYSEMA.

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

First Aid:EYE CONTACT: FLUSH EYES IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH CONTACT AREA THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IF ERYTHEMA DEVELOPS. INHALATION: REMOVE TO FRESH AIR AT ONCE. GET MEDICAL ATTENTION. INGESTION: DRINK AS MUCH WATER AS POSSIBLE. INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point:NONE
Extinguishing Media:WATER SPRAY, "ALCOHOL FOAM", DRY CHEMICAL, CARBON DIOXIDE.
Unusual Fire/Explosion Hazard:EMITS FLUORIDE FUMES IF HEATED TO DECOMPOSITION TEMPERATURES (932F).

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

Spill Release Procedures:SWEEP, SCOOP

R VACUUM DISCHARGED MATERIAL.

RESPIRATORY PROTECTION SHOULD BE WORN AT ALL TIMES AND SKIN CONTACT AVOIDED.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE DUST RESPIRATORS IN COMPLIANCE WITH OSHA STANDARD 1910.134.

Ventilation:NORMAL VENTILATION FOR GOOD WORKING CONDITIONS SHOULD BE USED.

Protective Gloves:WORK GLOVES RECOMMENDED.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING TO PREVENT SKIN CONTACT, ARMS, LEGS, NECK, FACE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING

Sup

plemental Safety and Health

MANUFACTURER HAS LISTED AN INGREDIENT AS SODIUM FLUORIDE; CAS #

16893-85-9. THIS CAS # IS LISTED AS SODIUM SILICOFLUORIDE ALSO

KNOWN AS SODIUM FLUOROSILICATE. THIS INGREDIENT IS UN2674 FOR

TRANSPORTATION AND IS CLASS 6.1 PACKAGE GROUP 111.MANUFACTURER

DOES NOT DENOTE A LABEL TO COVER "KEEP AWAY FROM FOOD".

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

HCC:T4

Spec Gravity:4.5

Solubility in Water:GREATER THAN 0.001%

Appearance a

nd Odor:WHITE POWDER; ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS AND ACID VAPORS

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:HYDROGEN FLUORIDE GAS

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

Waste Disposal Methods:MATERIAL COULD BE DISPOSED OF IN APPROVED LANDFILL ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

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mation by the compiling agencies):

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