

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

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

MSDS Date:05/01/1990

FSC:8040

NIIN:01-081-7247

Kit Part:Y

MSDS Number: BJXRB

=== Responsible Party ===

Company Name:SAUEREISEN CEMENTS

Address:160 GAMMA DRIVE

City:PITTSBURGH

State:PA

ZIP:15238

Country:US

Info Phone Num:412-963-0303

Emer

gency 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

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Composition/Information on Ingredients  
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Ingred Name:SILICA, CRYSTALLINE - QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

Other REC Limits:NONE SPECIFIED

OSHA PEL:SEE TABLE Z3

ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:ZIRCONIUM SILICATE

CAS:149

40-68-2  
RTECS #:ZH9000000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3

Ingred Name:SODIUM FLUORIDE  
CAS:7681-49-4  
RTECS #:WB0350000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:2.5 MG/M3  
ACGIH TLV:2.5 MG/M3  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD 50:125 MG/KG (ORAL-RAT)  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO  
Health

h Hazards Acute and Chronic:MAY PRODUCE AN EMBRITTLEMENT AND  
DENSIFICATION OF BONES AND INCREASE CALCIFICATION OF  
LIGAMENTS.REPEATED INHALATION OF RESPIRABLE FREE SILICA DUST MAY  
CAUSE DELAYED LUNG INJURY (SILICOSIS).HIGHLY IRRITATING AND  
TOXIC.MAY CAUSE IRRITATION TO RESPIRATORY TRACT,SKIN AND  
EYES.CIRCULATORY,RESPIRATORY COMPLAINTS MAY OCCUR.

Explanation of Carcinogenicity:SILICA IS LISTED ON IARC AS A SUSPECTED  
CARCINOGEN.

Effects of Overexposure:LARGE DOSES CAN CAUSE  
NAUSEA, VOMITING AND  
DIARRHEA.

Medical Cond Aggravated by Exposure:RESPIRATORY DISEASES INCLUDING  
ASTHMA AND EMPHYSEMA MAY BE AGGRAVATED.

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

First Aid:EYES:FLUSH W/WATER FOR 15 MIN.GET MED ATTN. SKIN:WASH AREA  
W/SOAP & WATER.REMOVE CONTAM CLOTHING.LAUNDRER BEFORE REUSE. GET MED  
ATTN IF ERYTHERMA DEVELOPS.INHALATION:BREATHING-REMOVE TO FRESH AIR  
AT ON CE.APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED.GE

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MED ATTN. INGESTION:DRINK AS MUCH WATER AS POSSIBLE.INDUCE VOMITING.GET MED ATTN IMMED.ADVISE DOCTOR OF POTENTIAL FLUORIDE EXPO/POISONING.

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

Extinguishing Media:WATER SPRAY, ALCOHOL FOAM, DRY CHEMICAL, CO2  
Unusual Fire/Explosion Hazard:EMITS FLUORIDE FUMES IF HEATED TO DECOMPOSITION TEMPERATURES (932F).

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

Spill Release Procedures:SWEEP, SCOOP  
OR VACUUM DISCHARGED MATERIAL.  
RESPIRATORY PROTECTION SHOULD BE WORN AT ALL TIMES AND SKIN CONTACT AVOIDED.

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

Other Precautions:KEEP CONTAINERS CLOSED.

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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.  
Eye Protection:SAFETY GLASSES W/ SIDESHIELD,CHEM GOGGLES  
Other Protective Equipment:CLOTHING TO PREVENT SKIN CONTACT-ARMS,LEGS, NECK,FACE.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.SAFETY SHOWER AND EYEWASH STATION SHOULD BE WITHIN DIRECT ACCESS.  
Supplemental Safety and Health

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

HCC:N1  
Spec Gravity:4.5  
Solubility in Water:GREATER THAN .001%  
Appearance and Odor:WHITISH POWDER, ODORLESS

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

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Stability Indicator/Materials to Avoid: YES

STRONG ACIDS AND ACID VAPORS.

Hazardous Decomposition Products: HYDROGEN FLUORIDE GAS

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

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

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