

EAGLE-PICHER MINERALS, INC -- CELATOM, FW-50 -- 9390-00-282-4161

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

Product ID:CELATOM, FW-50

MSDS Date:06/21/1988

FSC:9390

NIIN:00-282-4161

MSDS Number: BDTGL

=== Responsible Party ===

Company Name:EAGLE-PICHER MINERALS, INC

Box:12130

City:RENO

State:NV

ZIP:89510

Country:US

Info Phone Num:702-322-3331

Emergency Phone Num:702-322-3331

CAGE:EAGLE

=== Contractor Ident

ification ===

Company Name:EAGLE-PICHER INDUSTRIES INC

Address:580 WALNUT ST

Box:City:CINCINNATI

State:OH

ZIP:45202-3108

Country:US

Phone:513-721-7010

CAGE:85283

Company Name:EAGLE-PICHER MINERALS, INC.

Address:8110 PLUMAS

Box:12130

City:RENO

State:NV

ZIP:89510

Country:US

Phone:702-322-3331

CAGE:EAGLE

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

Ingred Name:SILICONE DIOXIDE; (DIATOMACEOUS EARTH, FLUX-CALCINED)

CAS:68855-54-9

Fraction by Wt: 100%

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Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:UPPER RESPIRATORY IRRITANT.

CHRONIC:INHALATION OF DUST EN EXCESS OF PEL/TLV OVER A PERIOD OF YEARS MAY CAUSE SILLICOSIS. SILICOSIS IS A PROGRESSIVE NON-CANCEROUS LUNG DISEASE WHICH MAY BE FATAL. ALSO SEE CARCINOGENICITY.

Explanation of Carc

inogenicity:CRYSTALLINE SILICA: GROUP 2A (IARC);GROUP 2 (NTP).

Effects of Overexposure:EYE: MECHANICAL IRRITATION (TEMPORARY). SKIN: MAY CAUSE DRYING. INHALED: DRYNESS AND CONGESTION OF UPPER RESPIRATORY TRACT. INGESTED:NOT INTENDED FOR INGESTION - EARTHY TASTE AND TEXTURE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. SKIN: NONE NECESSARY-IF

DRYNESS OCCURS, USE MOISTURE RENEWING LOTIONS. INGESTION: SHORT TERM EXPOSURES NOT CONSIDERED HARMFUL-DRINK WATER TO REDUCE BULK AND DRYING EFF ECTS. EYES: WASH WITH GENEROUS QUANTITIES OF WATER. CONSULT PHYSICIAN IF IRRITATION PERSISTS.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:NON-FLAMMABLE

Fire Fighting Procedures:NON-FLAMMABLE

Unusual Fire/Explosion Hazard:NON-FLAMMABLE

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

Spill Release Procedures:VACUUM CLEAN SPILLAGE, WET SWEEP OR WASH AWAY. AVOID CREATING DUST.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID CREATING DUST, REPAIR OR PROPERLY DISPOSE OF BROKEN BAGS.

Other Precautions:NOT NORMALLY NECESSARY.

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

Respiratory Protection:RESPIRATOR

WILL NOT NORMALLY BE NECESSARY. USE
NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR
PNEUMONOCOSIS PRODUCING DUST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE
29 CFR 1910.134 FOR REG ULATIONS ON RESPIRATOR USE.

Ventilation:LOCAL-CONTROL W/IN RECOMMENDED TLV. REFER TO ACGIH
PUBLICATION "INDUSTRIAL VENT" OR SIMILAR PUBLICATIONS.

Protective Gloves:NOT NORMALLY NECESSARY

Eye Protection:NOT NORMALLY NECESSARY

Other Protective Equipment:NOT NORMALLY NECESSARY. HMIS RECOMMENDS
THE

USE OF SAFETY GLASSES EVEN THOUGH MFR DOES NOT.

Work Hygienic Practices:AVOID CREATING DUST, MAINTAIN GOOD HOUSEKEEPING
PRACTICES, & SUPPLY PROPER RESPIRATORY PROTECTION.

Supplemental Safety and Health

MSDS RECEIVED FROM NAVY (FOCAL POINT N). NAVY IDENTIFIED NSN.

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

HCC:N1

Spec Gravity:POWDER

Solubility in Water: