

ENGELHARD CORP., CHEMICAL CATALYSTS GROUP -- DESICCITE 25 -- 6850-00-809-7321

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

Product ID:DESICCITE 25

MSDS Date:05/19/1995

FSC:6850

NIIN:00-809-7321

MSDS Number: BQNFB

==== Responsible Party ===

Company Name:ENGELHARD CORP., CHEMICAL CATALYSTS GROUP

Address:600 E. McDOWELL ROAD

City:JACKSON

State:MS

ZIP:39204

Country:US

Info Phone Num:800-458-8650 OR 800-654-4039

Emergency Phone Num:800-458-8650/800-424-9300(CHEMTREC)

CAGE:0NH81

==== Contractor Identification ===

Company Name:ENGELHARD CORP

Address:600 E. McDOWELL ROAD

Box:City:JACKSON

State:MS

ZIP:39204

Country:US

Phone:800-458-6850 / 601-948-3966

CAGE:0NH81

Company Name:HARSHAW/FILTROL PARTNERSHIP

Address:700-A E McDowell RD

City:JACKSON

State:MS

ZIP:39204-5299

Country:US

Phone:800-358-2529

CAGE:8G972

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

Ingred Name:BENTONITE (INCLUDES

INGREDIENTS 2 AND 3.)

CAS:1302-78-9

RTECS #:CT9450000

Fraction by Wt: SEE 2&3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (DUST)

ACGIH TLV:5 MG/M3 (DUST)

Ingred Name:SILICA, CRYSTALLINE - QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

Fraction by Wt: 1 - 3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:0.1 MG/M3 RDUST;9495

Ingred Name:ALUMINUM SILICATE,

CAS:12141-46-7

Fraction by Wt: 97%

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification ===

=====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY

TRACT. ACUTE- EYES:MAY CAUSE IRRITATION & DISCOMFORT. SKIN:MAY  
CAUSE IRRITATION, REDNESS. INHALE:CAUSES RESPIRATORY TRACT  
IRRITATION & MAY CAUSE DISABLING, PROGRESSIVE PULMONARY FIBROSIS  
(SILICOSIS). ORAL:NO ADVERSE EFFECTS EXPECTED

. CHRONIC- INHALATION

MAY CAUSE LUNG DAMAGE.

Explanation of Carcinogenicity:CONTAINS CRYSTALLINE SILICA (QUARTZ).

Effects of Overexposure:IRRITATION, COUGH, DYSPNEA, WHEEZING, CHEST

DISCOMFORT

Medical Cond Aggravated by Exposure:BREATHING OF DUST MAY AGGRAVATE

EXISTING MEDICAL CONDITIONS SUCH AS RESPIRATORY AILMENTS.

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

First Aid:GET MEDICAL CARE IF SYMPTOMS PERSIST. EYES:IMMEDIATELY FLUSH  
WITH WATER FOR 15 MINUT

ES, HOLDING EYELIDS OPEN. SKIN:FLUSH WITH PLENTY OF WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED . SWALLOWED:IF LARGE QUANTITIES INGESTED, CONTACT PHYSICIAN. NOTE TO PHYSICIAN:DESICCANT GENERATES HEAT AS IT ADSORBS WATER. USED PRODUCT CAN CONTAIN HAZARDOUS CHEMICALS.

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

Flash Point:NONE

Extinguishing Media:UNUSED MATERIAL WILL NOT BURN. USE WATER, CARBON DIOXIDE OR FOAM FOR SURROUNDING FIRE

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. USED MATERIAL MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. CAREFULLY SWEEP OR VACUUM THE SPILL AREA. COLLECT AND PLACE THE SPILLED MATERIAL IN A WASTE DISPOSAL CONTAINER. AVOID DUSTING.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN DRY PLACE, IN TIGHTLY CLOSED CONTAINER, AWAY FROM INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:WEAR GOGGLES IF DUST CAUSES EYE DISCOMFORT. WEAR A PROPERLY FITTED NIOSH-APPROVED DUST RESPIRATOR FOR DUSTY CONDITIONS. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. AVOID CONTACT WITH EYES. OPEN CONTAINER SLOWLY.

=====

Exposure Controls/Personal Protection =====

Respiratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE TO CONTROL DUST CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED DUST RESPIRATOR SHOULD BE WORN IF NEEDED. IF RESPIRATORS ARE USED, A PROGRAM SHOULD BE INSTITUTED TO COMPLY WITH OSHA.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:COTTON/RUBBER/LATEX FOR REPEATED CONTACT

Eye Protection:SAFETY GOGGLES FO

## R DUSTY CONDITIONS

Other Protective Equipment:LONG SLEEVE WORK CLOTHING, EYE WASH FOUNTAIN

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING, DRINKING OR  
SMOKING. VACUUM UP ANY DUST. LAUNDER CLOTHING BEFORE REUSE.

Supplemental Safety and Health

THE MANUFACTURER STATES THAT INDUSTRIAL HYGIENE SAMPLING HAS SHOWN THE  
RESPIRABLE FRACTION OF CRYSTALLINE SILICA QUARTZ TO BE ONLY 0.1 -  
0.115%.

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

HCC:N1

NRC/State Lic Nu

m:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Spec Gravity:2.0

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GREY TO OFF-WHITE GRANULES; ODORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG ALKALI, STRONG OXIDIZING AGENTS

Stability Condition to Avoid:MOISTURE

Hazardous Decomposition Products:NONE

## ===== Disposal Consideration =====

S =====

Waste Disposal Methods:DISCARD ANY PRODUCT (INCLUDING ANY RETAINED  
MATERIALS OF USE), DISPOSABLE CONTAINERS OR LINER IN AN  
ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH LOCAL,  
STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants

this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.