

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

Product ID:DESICCITE 25

MSDS Date:05/19/1995

FSC:6850

NIIN:01-079-0889

MSDS Number: BSVZW

=== 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:0NH

81

=== 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

===== 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:148

08-60-7
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 Chron
ic: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, PROGRES SIVE 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 Co
nd 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 MINUTES, 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 PHYSICAN:DESI
CCANT 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 FOR 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. LAUNDRY 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 Num: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 GRA

NULES; 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 Considerations =====

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.

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