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

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 ========

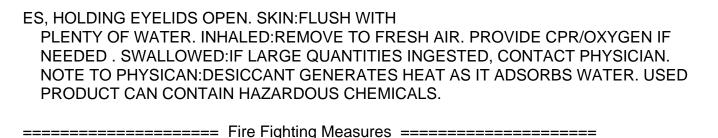
Ingred Name:BENTONITE (INCLUDES

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
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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, 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 Cond Aggravated by Exposure:BREATHING OF DUST MAY AGGRAVATE EXISTING MEDICAL CONDITIONS SUCH AS RESPIRATORY AILMENTS.
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First Aid:GET MEDICAL CARE IF SYMPTOMS PERSIST. EYES:IMMEDIATELY FLUSH

INGREDIENTS 2 AND 3.)

WITH WATER FOR 15 MINUT

CAS:1302-78-9



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 WIT H EYES. OPEN CONTAINER SLOWLY.

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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 IN STITUTED 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 & Evaporation R

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

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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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