

ENGELHARD CORP. -- DESICCITE 25 -- 6850-00-449-5873

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Product Identification
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Product ID:DESICCITE 25

MSDS Date:12/15/1988

FSC:6850

NIIN:00-449-5873

MSDS Number: BJRDY

=== Responsible Party ===

Company Name:ENGELHARD CORP.

Address:6801 COCHRAN DR

City:SOLO

State:OH

ZIP:44139

Country:US

Info Phone Num:216-349-7300

Emergency Phone Num:216-349-7300

CAGE:0FDV7

=== Contractor Identification

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Company Name:ENGELHARD CORP.

Address:6801 COCHRAN DR

Box:City:SOLO

State:OH

ZIP:44139

Country:US

Phone:216-349-7300

CAGE:0FDV7

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

CAS:14808-60-7

RTECS #:VV7330000

Fraction by Wt: 3%

Other REC Limits:NONE SPECIFIED

OSHA PEL:SEE TABLE Z3

ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:BENTONITE (INORGANIC CLAY)

CAS:1302-78-9

RTECS #:CT9450000

Fraction by Wt: 97%

Other REC Limits:NONE SPECI

FIED
OSHA PEL:5 MG/M3 (DUST)
ACGIH TLV:5 MG/M3 (DUST)

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYE, SKIN & RESPIRATORY TRACT IRRITATION. CHRONIC: THE DRYING ACTION OF THIS MATERIAL CAN CAUSE IRRITATION OF THE MUCOUS MEMBRANES OF THE NOSE AND THROAT AND IRRITATION OF THE SKIN. AVOID PROLONGED BREATHING OF THE DUST WHICH MAY CAUSE LUNG DAMAGE.
Explanation of Carcinogenicity:THIS PRODUCT AND ITS COMPONENTS ARE NOT LISTED ON THE IARC, NTP OR OSHA CARCINOGENS LISTS.
Effects of Overexposure:MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION.
Medical Cond Aggravated by Exposure:BREATHING OF DUST MAY AGGRAVATE ASTHMA AND INFLAMMATORY OR FIBROTIC PULMONARY DISEASE.

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

First Aid:EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING THE UPPER & LOWER EYE LIDS. IF IRRITATION OCCURS AND PERSISTS, SEEK MEDICAL ATTENTION.
SKIN: WASH WITH SOAP AND WATER. INGESTION: IF INGESTED IN LARGE QUANTITIES, THEN DRINK 2 GLASSES OF WATER. INDUCE VOMITING IF THE PATIENT IS CONSCIOUS. INHALATION: REMOVE PERSON TO FRESH AIR.

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

Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:NONE
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, OR FOAM.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SWEEP OR VACUUM UP SPILL AREA. COLLECT AND PLACE THE SPILLED MATERIAL IN A WASTE DISPOSAL CONTAINER. AVOID RAISING DUST.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:AVOID PROLONGED BREATHING OF THE DUST OR CONTACT OF DUST WITH THE SKIN. OPEN CONTAINER SLOWLY. USE WITH ADEQUATE VENTILATION. DO NOT MIX WITH LIQUID.

Other Precautions:PH RANGE IF IN AQUEOUS SLURRY IS 8-11.

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

Respiratory Protection:A PROPERLY FITTED NIOSH/MSHA APPROVED RESPIRATOR FOR PROTECTION AGAINST DUST, MIST OR VAPOR IS RECOMMENDED FOR OPERATIONS WHEN THE PERMISSIBLE EXPOSURE LIMIT MIGHT BE EXCEEDED.

Ventilation:LOCAL EXHAUST VENTILATION IS RECOMMENDED FOR OPERATIONS WHERE THE PERMISSIBLE EXPOSURE LIMIT MIGHT BE EXCEEDED.

Protective Gloves:CLOSE-WEAVE COTTON WITH TIGHT WRISTBANDS

Eye Protection:SAFETY GLASSES/GOGGLES OSHA29CFR1910.133

Other Protective Equipment:SELECT IN ACCORDANCE WITH OSHA 1910.132 AND 1910.133. LONG SLEEVED WORK CLOTHING RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING, DRINKING OR SMOKING.

VACUUM UP ANY DUST. LAUNDRER CLOTHING BEFORE REUSE.

Supplemental Safety and Health

WHEN TRANSFERRING BEADED MOLECULAR SIEVES WITH HIGH PRESSURE AIR, WEAR GOGGLES. MALFUNCTION OF EQUIPMENT CAN PROPEL BEADS WITH ENOUGH VELOCITY TO PENETRATE THE SKIN. MAKE SURE THAT THE TRANSFER SYSTEM AND RECEIVING VESSELS ARE PROPERLY GROUNDED. FOLLOW STANDARD OPERATING INSTRUCTIONS.

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

HCC:N1

Spec Gravity:2.0

Solubility in W

ater:NEGLIGIBLE

Appearance and Odor:10-30 MESH GRANULES, GREYISH TO OFF-WHITE; ODORLESS

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:DECOMPOSITION PRODUCTS FROM HYDROCARBONS & OTHER MATERIALS THAT ARE RETAINED ON THE MOLECULAR SIEVE DURING NORMAL USE.

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

Waste Disposal Methods:DISCARD ANY PR

ODUCT (INCLUDING ANY RETAINED MATERIALS OF USE), DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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