

ENGELHARD CORP., CHEMICAL CATALYSTS GROUP -- DESICCITE 25 -- 6850-01-079-0889
===== Product Identification =====

Product ID:DESICCITE 25
MSDS Date:06/08/1998
FSC:6850
NIIN:01-079-0889
Status Code:A
MSDS Number: CJYKD
=== 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:800-458-6850
Em
ergency Phone Num:800-458-6850
Resp. Party Other MSDS Num.:CODE: J96001
Chemtec Ind/Phone:(800)424-9300
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

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

Ingred Name:SILICA, CRYSTALLINE (QUARTZ)
CAS:14808-60-7
RTECS #:VV7330000
Minumum % Wt:1.
Maxumum % Wt:3.
OSHA PEL:SEE TABLE Z-3
A

CGIH TLV:0.1 MG/M3

Ingred Name:ALUMINUM SILICATE

CAS:12141-46-7

= Wt:97.

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:EYE: MAY CAUSE MECHANICAL IRRITATION
IF EXPOSED TO LARGE AMOUNTS OF DUST. SKIN: MAY CAUSE IRRITATION DUE
TO MECHANICAL ABRASION. INHALATION: CAUSES IRRITATION OF THE
RESPIRATORY TRACT AND MAY CAUSE
DI SABLING, PROGRESSIVE PULMONARY
FIBROSIS (SILICOSIS) DUE TO CRYSTALLINE SILICA (QUARTZ). INGESTION:
NO ADVERSE EFFECTS EXPECTED.
Explanation of Carcinogenicity:CRYSTALLINE SILICA: NTP- CONFIRMED
ANIMAL CARCINOGEN, IARC- SUFFICIENT EVIDENCE OF CARCINOGENICITY IN
BOTH HUMANS & EXPERIMENTAL ANIMALS FOR INHALED CRYSTALLINE SILICA
IN THE FORM OF QUARTZ OR CRISTAB ALITE.
Effects of Overexposure:COUGH, DYSPNEA, WHEEZING, AND IMPAIRMENT OF
PULMONARY FUNCTION. PROGRESSION OF SY
STOMS CAN CONTINUE AFTER DUST
EXPOSURE CEASES.
Medical Cond Aggravated by Exposure:MAY AGGRAVATE EXISTING MEDICAL
CONDITIONS SUCH AS RESPIRATORY AILMENTS.

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

First Aid:EYE: FLUSH EYES WITH PLENTY OF WATER. IF IRRITATION DEVELOPS,
CALL A PHYSICIAN. SKIN: PROCEDURES NORMALLY NOT NEEDED. IF SKIN
CONTACT OCCURS FLUSH WITH PLENTY OF WATER. IF IRRITATION DEVELOPS,
CALL A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR.
IF BREATHING IS
DIFFICULT, OXYGEN SHOULD BE ADMINISTERED BY QUALIFIED PERSONNE.
CALL A PHYSICIAN. INGESTION: PROCEDURES NORMALLY NOT NEEDED. IF
LARGE QUANT ITIES ARE INGESTED. SEEK MEDICAL ADVICE.

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

Autoignition Temp:Autoignition Temp Text:N/D
Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING
FIRE.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED POSITIVE-PRESSURE
SELF-CONTAINED BREA

THING APPARATUS AND PROTECTIVE CLOTHING AS

SPECIFIED IN 29 CFR 1910.156.

Unusual Fire/Explosion Hazard:NOT A FIRE OR EXPLOSION HAZARD

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

Spill Release Procedures:CONTAIN SPILLAGE AND SCOOP UP OR VACUUM. AVOID DUSTING. PROPER EXPOSURE CONTROLS AND PERSONAL PROTECTION EQUIPMENT SHOULD BE USED AND DISPOSAL OF THE MATERIAL SHOULD BE IN ACCORDANCE WITH THE DISPOSAL SECTION.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. STORE IN A COOL, DRY LOCATION AWAY FROM INCOMPATIBLE MATERIALS. DO NOT PERMIT DUST TO COLLECT ON WALLS, FLOORS, SILLS, LEDGES, MACHINERY, OR EQUIPMENT. AVOID GENERATING OR BREAT HING DUST. AVOID CONTACT WITH EYES. USE ONLY WITH ADEQUATE VENTILATION.

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

Respiratory Protection:A NIOSH/MSHA APPROVED RESPIRATOR IS RECOMMENDED IF DUST IS GENERATED. IF RESPIRATORY PROTECTION IS USED, FOLLOW ALL REQUIREMENTS FOR RESPIRATORY PROGRAMS SET FORTH IN OSHA REGULATIONS (29CFR1019.139)

Ventilation:GENERAL; LOCAL VENTILATION AS NECESSARY TO CONTROL ANY AIR CONTAMINANTS TO WITHIN THEIR PELS OR TLVS DURING THE USE OF THIS PRODUCT.

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES (WITH SIDE SHIELDS)

Other Protective Equipment:NONE PROVIDED BY MFR.

Work Hygienic Practices:NONE PROVIDED BY MFR.

Supplemental Safety
and Health

NONE PROVIDED BY MFR.

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

HCC:T6

Spec Gravity:2.4 (H2O=1)

pH:6 TO 9 (SLURRY)

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 OXIDIZERS.

Stability Condition to Avoid:GENERALLY CONSIDERED STABLE. NONE
EXPECTED

Hazardous Decomposition Product

s:NONE EXPECTED

Conditions to Avoid Polymerization:WILL NOT OCCUR

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Ecological Information
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Ecological:NO DATA AVAILABLE ON ECOTOXICITY OR ENVIRONMENTAL FATE.

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Disposal Considerations
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Waste Disposal Methods:FEDERAL, STATE AND LOCAL DISPOSAL LAWS AND REGULATIONS WILL DETERMINE THE PROPER WASTE DISPOSAL/RECYCLING/RECLAMATION PROCEDURE. DISPOSAL REQUIREMENTS ARE DEPENDENT ON THE HAZARD CLASSIFICATION AND WILL VARY BY LOCATION AND THE TYPE OF DISPOSAL SELECTED.

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MSDS Transport Information
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Transport Information:NOT INTERNATIONAL OR DOT REGULATED.

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Regulatory Information
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SARA Title III Information:SARA 311 & 312 HAZARD CATEGORY: A DELATED (CHRONIC) HEALTH HAZARD. SARA SECTION 313 NOTIFICATION: THIS PRODUCT DOES NOT CONTAIN TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION

N 313 OF TITLE III OF THE SUPERFUND

AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

Federal Regulatory Information:THIS PRODUCT NEITHER CONTAINS NOR IS MANUFACTURED WITH AN OZONE DEPLETING SUBSTANCE SUBJECT TO THE LABELLING REQUIREMENTS OF THE CLEAN AIR ACT AMENDMENTS 1990 AND 40 CFR PART 82.

State Regulatory Information:WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

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Other Information
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particular situation.