

===== 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

Emergency Phone Num:800-458-6850

Resp. Party Other MSDS Num.:CODE:  
J96001

Chemtrec 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

ACGIH TLV:0.1 MG/M3

Ingred Name:ALUMINUM SILICATE

CAS:12141-46-7

= Wt:97.

===== 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 SYSTOMS CAN CONTINUE AFTER DUST EXPOSURE CEASES.

Medical Cond

Aggravated by Exposure:MAY AGGRAVATE EXISTING MEDICAL CONDITIONS SUCH AS RESPIRATORY AILMENTS.

===== 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. INGUESTION: PROCEDURES NORMALLY NOT NEEDED. IF LARGE QUANT ITIES ARE INGESTED. SEEK MEDICAL ADVICE.

===== 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 BREATHING APPARATUS AND PROTECTIVE CLOTHING AS SPECIFIED IN 29 C

FR 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 BREATHE 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 (H<sub>2</sub>O=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 Products:NONE EXPECTED

Conditions to Avoid Polymerization:WILL NOT OCCU

## ===== Ecological Information =====

Ecological:NO DATA AVAILABLE ON ECOTOXICITY OR ENVIRONMENTAL FATE.

## ===== Disposal Considerations =====

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.

## ===== MSDS Transport Information =====

Transport Information:NOT INTERNATIONAL OR DOT REGULATED.

## ===== Regulatory Information =====

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 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.

## ===== Other Information =====

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

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