

CER-WOOL LOOSE BULK

MSDS Number

BLCBJ

National Stock Number

5640-00N017138

Product Name

CER-WOOL LOOSE BULK

Manufacturer

C E REFRACTORIES

Product Identification

Product ID: CER-WOOL LOOSE BULK

MSDS Date: 11/01/1985

FSC: 5640

NIIN: 00N017138

MSDS Number: BLCBJ

Responsible Party

C-E REFRACTORIES

VALLEY FORGE , PA 19482

Emergency Phone: 215-337-1100

Info Phone: 203-285-9693

Cage: 8C482

Contractor

C-E REFRACTORIES DIV OF COMBUSTION ENGINEERING

KING OF PRUSSIA, PA 19406

US

215-337-1100

Cage: 8C482

Ingredients

PENDING RSLTS OF LONG-TERM HLTH EFTS STUDIES,

RTECS: 9999999ZZ

LOWEST LEVELS ATTAINABLE IS ADVISED.

RTECS: 9999999ZZ

CER-WOOL LOOSE BULK (TLV GIVEN FOR MINERAL WOOL FIBER)

ACGIH TLV: 10 MG/M3 TDUST (MFR)

CAN CAUSE IRRIT TO EYES ON CONTACT & TO SKIN ON

BE WASHED OFF THORO USING A MILD SOAP & H*2O.

RTECS: 9999999ZZ

OCCUR FROM LONG TERM EXCESSIVE INHAL OF

RTECS: 9999999ZZ

PRDCE A PNEUMOCOCCINOSIS, COMMONLY CALLED

RTECS: 9999999ZZ

ARE USUALLY DELAYED (10 YEARS OR MORE). SMOKING

RTECS: 9999999ZZ

UNDER INVESTIGATION AS POSS ANIMAL CARCINOGEN.

RTECS: 9999999ZZ

FROM PROD SHOULD BE MINIMIZED UNTIL FURTHER ANIMAL

RTECS: 9999999ZZ

& PREC FOR SAFE USE OR EXPOSURE. 2.NIOSH/MSHA

RTECS: 9999999ZZ

3.DUST GENERATION SHOULD BE MINIMIZED BY USE OF

RTECS: 9999999ZZ

VACUUM CLEAN PRIOR TO REMOVING CLOTHING. 5.OTHER

RTECS: 9999999ZZ

USED TO CONTROL/REDUCE AIRBORNE CONC. FOR

RTECS: 9999999ZZ

SEE ORIGINAL MSDS. (SEE ING 14)

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:CER-WOOL BULK IS A CERAMIC FIBER, OF MINERAL FAMILY, FOR REDUCING HEAT TRANSMISSION THROUGH FURNACE, KILN AND VESSEL STRUCTURES. PROD AS SOLD CONTAINS >1% CRYSTALLINE SILICA; HOWEVER, CRYSTALLINE SILICA (CRISTOBALITE) WILL FORM AFTER SERVICE TEMPS AT >1000 C. THE "AFTER SERVICE" DUSTS WILL (SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:CRYSTALLINE SILICA: IARC GRP 2A.

Effects of Overexposure:HLTH HAZ: FORM AFTER SERVICE AT TEMPS >1000 C. THE "AFTER SERVICE" DUSTS WILL TYPICALLY CONTAIN >20% CRISTOBALITE CAS # 14464-46-1 (CRYSTALLINE SILICA) WHICH CAN PRESENT HLTH HAZ IF INHALED OVER LONG PERIODS OF TIME. CURRENT OSHA (SEE SUPPDATA)

Medical Cond Aggravated by Exposure:PRE-EXISTING UPPER RESPIRATORY AND LUNG DISEASES SUCH AS, BUT NOT LIMITED TO, BRONCHITIS, EMPHYSEMA AND ASTHMA.

First Aid

First Aid:SKIN/EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES . INHAL:
REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O*2/ARTF RESP).
INGEST: CALL MD IMMEDIATELY .

Fire Fighting

Flash Point:NON-COMBUSTIBLE
Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING
AREA.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:BECAUSE OF POS PRESENCE OF CRYSTALLINE
SILICA IN FIRED REFRACTORY LININGS, PARTICULAR CARE SHOULD BE
EXERCISED DURING TEAR-OUT TO MIN GEN OF DUST.
Other Precautions:ADHERENCE TO PROPER METHS OF DUST SUPPRESSION &
CONTROL IS IMPERATIVE. FOLLOWING ARE RECOM PREC TO BE TAKEN DURING
REMOVAL: 1.EMPLOYEES SHOULD BE APPRISED OF HAZ & PROPER
CONDITIONS(SEE ING 9)

Exposure Controls

Respiratory Protection:PROVIDE WORKERS W/DUST RESP WHERE DUST LEVS MAY
EXCEED PEL. NIOSH/MSHA APPRVD EQUIP ARE RECOM WHEN AIRBORNE FIBER
EXPOS LIMITS ARE EXCEEDED. NIOSH/MSHA APPRVD BRTHG EQUIP MAY BE
REQD FOR NON-ROUTINE & EMER USE. VENT SHOULD BE (SEE ING 12)
Ventilation:PROVIDE ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATION TO
MEET PEL REQUIREMENTS.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
EFTS OF OVEREXP: PERMISSIBLE EXPOS LIMIT (PEL) IS 5 MG/M3. DIVIDED BY %
FREE SILICA PLUS TWO, AVERAGED OVER AN 8-HOUR WORK SHIFT. WHEN PROD
IS REMOVED AFTER ITS USEFUL LIFE (TEAR OUT), DUST GENERATION IS
LIKELY. USER SHOULD BE WARNED OF CURRENT PEL & PREC SHOULD BE TAKEN
TO AVOID INHAL OF DUST. CER-WOOL (SEE ING 2)

Chemical Properties

HCC:T6
Appearance and Odor:WHITE TO OFF-WHITE FIBER, NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Disposal

Waste Disposal Methods:SOLID WASTE REGULATIONS APPLY. CONSULT LOCAL,
STATE AND FEDERAL REGULATORY AGENCIES TO DETERMINE BEST DISPOSAL
ALTERNATIVES.

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