

SUPER 3000

MSDS Number

BLCLD

National Stock Number

5610-00N017496

Product Name

SUPER 3000

Manufacturer

PREMIER REFRACTORIES AND CHEMICALS INC (ING 18)

Product Identification

Product ID: SUPER 3000

MSDS Date: 05/01/1992

FSC: 5610

NIIN: 00N017496

MSDS Number: BLCLD

Responsible Party

PREMIER REFRACTORIES & CHEMICALS INC (ING 18)

901 EAST EIGHTH AVENUE

KING OF PRUSSIA , PA 19406

US

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Preparer: A. G. NIGHSWANDER

Cage: PREMI

Contractor

PREMIER REFRACTORIES AND CHEMICALS INC

1569

KING OF PRUSSIA, PA 19406

US

215-337-1100

Cage: PREMI

Ingredients

BY USE OF DUST CONTROL EQUIP/WATER SPRAY.WEAR PROT

RTECS: 9999999ZZ

THERE IS A POSSIBILITY OF EXPOS TO DUST CONTAINING

RTECS: 9999999ZZ

FREE SILICA WORK AREA/AVOID BREATHING

RTECS: 9999999ZZ

LUNG DISEASE.ON BASIS OF INITIAL EXPERIMENTAL

RTECS: 9999999ZZ

HUMAN POPULATIONS, IARC HAS CONCLUDED THAT THERE IS

RTECS: 9999999ZZ

TWA CALCULATED FOR THIS PRODUCT

RTECS: 9999999ZZ

DUST IS 3.5 MG/M3.

RTECS: 9999999ZZ

LENGTH FACESHIELD TO GOGGLES .

RTECS: 9999999ZZ

(C E REFRACTORIES BECAME PREMIER REFRACTORIES &

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

ALUMINOSILICATE

CAS: 1302-93-8

Fraction By Weight: 40-70%

CLAY

Fraction By Weight: 5-25%

SODIUM SILICATE

CAS: 1344-09-8

Fraction By Weight: 5-25%

SILICA, CRYSTALLINE - QUARTZ

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight: 1-10%

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.1 MG/M3 RDUST;9293

SILICA, CRYSTALLINE - FUSED

CAS: 60676-86-0

RTECS: VV7328000

Fraction By Weight: 1-10%

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.1 MG/M3 RDUST;9293

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 1-10%

IMPERATIVE. FOLLOWING ARE REC PREC TO BE TAKEN

RTECS: 9999999ZZ

& PROPER CNDTNS & PREC FOR SAFE USE/EXPOS. NIOSH/MSHA

RTECS: 9999999ZZ

BE USED FOR DUST LEVS >0.05 MG/M3 RESPIRABLE

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:THE ALKALI (SODIUM SILICATE) COMPONENT IN THIS PROD IS CAUSTIC TO EYES & CAN CAUSE IRRIT TO SKIN ON RPTD/PRLNGD CONT. SOME OF HLTH HAZ INFO APPLIES TO DRIED MATL & ANY DUST THAT MAY RESULT THEREFROM. DUST FROM THE PROD CONTAINS CRYSTALLINESILICA & A DUST MASK MUST BE USED WHERE TLV IS EXCEEDED.

ACUTE: EYE (SUPP DATA)

Explanation of Carcinogenicity:CRYSTALLINE SILICA:PROBABLY CARC TO HUMANS (IARC,GROUP 2A,1987). ANTICIPATED TO BE CARCINOGEN (NTP, GROUP 2).

Effects of Overexposure:EYE: CAUSTIC IRRITATION AND INFLAMMATION. SKIN: IRRITATION FROM REPEATED OR PROLONGED CONTACT. INHAL: UPPER RESPIRATORY IRRITATION.

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

First Aid

First Aid:EYE: FLUSH EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTN. SKIN: WASH WITH MILD SOAP AND WATER. SEEK MEDICAL ATTN. INHAL: REMOVE TO FRESH AIR. INGEST: GE T MD IMMEDIATELY .

Fire Fighting

Extinguishing Media:THIS REFRACTORY PRODUCT IS NON-COMBUSTIBLE. USE EXTINGUISHING MEDIA APPROPRIATE TO THE SURROUNDING AREA.

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NONE

Accidental Release

Spill Release Procedures:CAREFULLY SCOOP UP MATERIAL INTO A SUITABLE CONTAINER. CLEAN-UP PERSONNEL SHOULD WEAR NIOSH/MSHA APPROVED RESP PROTECTION, GLOVES AND GOGGLES TO PREVENT IRRITATION FROM CONTACT AND/OR INHALATION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:DRIES AFTER USE.IF TORN OUT AFTER USEFUL LIFE DUST GENERATION LIKELY.KEEP CNTNR SEALED UNTIL READY TO USE.RESEAL PARTIALLY USED CNTNRS.AIR DRYING.

Other Precautions:BECAUSE OF THE POSS PRESENCE OF CRYSTALLINE SILICA IN USED REFRACTORY DEBRIS, PARTICULAR CARE SHOULD BE EXERCISED DURING TEAR-OUT TO MINIMIZE THE GENERATION OF DUST. ADHERENCE TO PROPER METHODS OF DUS T SUPPRESSION & CONTROL IS (SEE ING 7)

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN . AVOID INHALATION OF DUST.

Ventilation:.

Protective Gloves:RUBBER WORK GLOVES.

Eye Protection:CHEM WORK GOGG. MAY ADD FULL(SEE ING 17)

Other Protective Equipment:LONG SLEEVE CLOTHING IS RECOMMENDED.

EMERGENCY EYE WASH & DELUGE SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

PH: 10-11.5 (10% AQUEOUS SLURRY). HLTH HAZ: AND SKIN IRRIT. TRANSITORY UPPER RESP PHYSICAL IRRIT. CHRONIC: EXCESSIVE INHAL >PEL OF CRYSTALLINE SILICA (FREE SILICA) OVER LONG PERIODS OF TIME MAY CAUSE A DISABLING LUNG DISEASE (SILICOSIS) WHICH REDUCES BRTHG CAPACITY & LEAD TO INCR SUSCEPTIBILITY TO OTHER (SEE ING 13)

Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:>2400F

Spec Gravity:1.5(94 LBS/FT3)

pH:SUPDAT

Solubility in Water:3-5%

Appearance and Odor:LIGHT GRAY MIXT OF FINE MATL IN TROWELABLE MORTAR CONSISTENCY. NO DETECT ODOR.

Percent Volatiles by Volume:3-5

Stability

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:PRODUCT WILL REACT WITH ACIDS GENERATING HEAT AND STEAM.

Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:PRODUCT IS NON-BIODEGRADABLE, AND DOES NOT POSSESS CHARACTERISTICS OF A HAZARDOUS WASTE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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