

MATERIAL SAFETY DATA SHEET

MAY BE USED TO COMPLY WITH OSHA'S
HAZARD COMMUNICATION STANDARD,
29 CFR 1910.1200. STANDARD MUST BE
CONSULTED FOR SPECIFIC REQUIREMENTS

U.S. DEPARTMENT OF LABOR

OSHA
(NON-MANDATORY FORM)
FORM APPROVED
OMB NO. 1218-0072

IDENTITY (AS USED ON LABEL AND LIST)

SAND

NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY
ITEM IS NOT APPLICABLE, OR NO INFORMATION IS
AVAILABLE, THE SPACE MARKED MUST BE MARKED
TO INDICATE THAT

SECTION I

MANUFACTURERS NAME

BUSSEN QUARRIES, INC.

EMERGENCY TELEPHONE NUMBER

314-487-2300

ADDRESS

**5000 BUSSEN ROAD
ST. LOUIS, MO 63129**

TELEPHONE NUMBER FOR INFORMATION

314-894-8777

DATE PREPARED

SIGNATURE OF PREPARER

2/16/01**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))

QUARTZ (SI02) 10 MG/M3 (AS FREE CRYSTALLINE SILICA)
%SI02+2

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT - N/A

SPECIFIC GRAVITY (H2O=1) - 2.62

VAPOR PRESSURE - N/A

MELTING POINT - N/A

VAPOR DENSITY (AIR=1) - N/A

EVAPORATION RATE (BUTYL ACETATE=1) - N/A

SOLUBILITY IN WATER - NOT SOLUBLE

APPEARANCE AND ODOR - ODORLESS SOLID

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) - N/A

FLAMMABLE LIMITS - N/A

LEL - N/A

UEL - N/A

EXTINGUISHING MEDIA - N/A

SPECIAL FIRE FIGHTING PROCEDURES - N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS - NONE

SECTION V - REACTIVITY DATA

STABILITY - STABLE

CONDITIONS TO AVOID - NONE

INCOMPATIBILITY (MATERIALS TO AVOID) - NONE

HAZARDOUS DECOMPOSITION OR BYPRODUCTS - NONE

HAZARDOUS POLYMERIZATION - WILL NOT OCCUR

CONDITIONS TO AVOID - NONE

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION - YES SKIN - NO INGESTION - YES

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: SANDBLASTING MAY RESULT IN RELEASE OF DUST PARTICLES WHICH MAY CAUSE MINOR IRRITATION OF THE EYE OR NOSE.

CHRONIC: SANDBLASTING MAY RESULT IN THE RELEASE OF DUST PARTICLES WHICH MAY RESULT IN LUNG DISEASE (SILICOSIS) IF EXPOSED TO EXCESSIVE AMOUNTS FOR PROLONGED PERIODS

CARCINOGENICITY: NTP? - NO IARC MONOGRAPHS? - NO OSHA REGULATED? - NO

SIGNS AND SYMPTOMS OF EXPOSURE : IRRITATION OF EYES AND NOSE OR SHORTNESS OF BREATH

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE : PREEXISTING LUNG DISEASE SUCH AS EMPHYSEMA OR ASTHMA

EMERGENCY AND FIRST AID PROCEDURES: FLUSH EYES GENEROUSLY WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SWEEP UP AND DISCARD

WASTE DISPOSAL METHOD: DISPOSE OF AS COMMON WASTE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: NONE

OTHER PRECAUTIONS: WEAR NIOSH APPROVED RESPIRATOR AND TIGHT FITTING GOGGLES WHEN SANDBLASTING

SECTION VIII - CONTROL MEASURES - (WHEN SANDBLASTING)

RESPIRATORY PROTECTION: NIOSH APPROVED PARTICULATE RESPIRATOR

VENTILATION: USE MECHANICAL (GENERAL) VENTILATOR IN CONFINED AREA

PROTECTIVE GLOVES: WHEN REQUIRED

EYE PROTECTION: TIGHT FITTING GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE NEEDED

WORK/HYGIENIC PRACTICES: NOT APPLICABLE