

MATERIAL SAFETY DATA SHEETDate May 7, 1997Optional/Company Official *Butler*IDENTITYLABELSYNONYMS:QUICK-DRY

(Fuller's Earth-Montmorillonite)

SECTION I

MANUFACTURER'S NAME---Balcones Minerals Corporation

Description: Absorbent Clay

ADDRESS-----233 Balcones Lane (P. O. Drawer B)
00 Flatonia, Texas 78941DOT Listing: NMFC 48170 Clay, Crushed
or Ground In BagsTELEPHONE NO.----- (361) 865-3544 Emergency & Information
(361) 865-3666 Fax

CAS No-----8031-18-3

SECTION II--Hazardous Ingredients/Identify Information

Hazardous Components (Specific Chemical Identify: Common Name)	OSHA	PEL	ACGIH TLV	Other Limits Recommended	References
M ₁ contain Some Respirable Crystalline Quartz (Dust) Permissible Exposure Limits					
<1% Respirable Crystalline Quartz	5.0 mg./M3	5.0 mg./M3			29CFR1910.1000
>1% Respirable Crystalline Quartz	0.1 mg./M3	0.1 mg./M3			TABLES Z1A:23
Max. Concentration of Respirable Crystalline Quartz				0.05 mg./M3 10 mg/M3/%5:0 242	NIOSH MSHA

SECTION III--Physical/Chemical Characteristics

BOILING POINT-----N/A

SPECULA GRAVITY (H2O-1)-----Approx. 1.5

MELTING POINT-----N/A

VAPOR PRESSURE (mm Hg.)-----N/A

VAPOR DENSITY (AIR-1)-----N/A

EVAPORATION RATE (Butyl Acetate-1)-----None

SOLUBILITY IN WATER-----Insoluble

APPEARANCE-----Tan To White Colored Granules

ODOR-----None

SECTION IV--Fire and Explosion Hazard Data

FLASH POINT (Method Used)-----None
F LAMABLE LIMITS-----None
LEL-----None
UEL-----None
EXTINGUISHING MEDIA-----None
SPECIAL FIRE FIGHTING PROCEDURE-----None Required
UNUSUAL FIRE AND EXPLOSION HAZARDS-----None

SECTION V--Reactivity Data

STABILITY - STABLE
CONDITION TO AVOID-----Absorbed Highly Oxidizable Liquids, Heat Build Up
May/Occur. Allow Time For Mix To Cool Before
Packaging Or Storing In Sealable Containers
INCOMPATIBILITY (Material To Avoid)-----Hydrofluoric Acid, Vegetable Oils
HAZARDOUS DECOMPOSITION OR BYPRODUCTS----None
CONDITIONS TO AVOID-----None
HAZARDOUS POLYMERIZATION-----Will Not Occur

SECTION VI--Health Hazard Data

ROUTE OF ENTRY:
INHALATION-----Yes
SKIN-----No
INGESTION-----No
HEALTH HAZARDS (Acute and Chronic)-----Repeated Excessive Inhalation Of Dust That Exceeds
Prescribed Limits May Result In Injury To Lungs And
Pulmonary Discomfort
CARCINOGENICITY: NTP-----No
IARC Monographs-----Yes
OSHA Regulate-----No
Free crystalline Silica According To IARC Has Exhibited Limited Evidence
Of Carcinogenicity In Animals And Humans (Over Exposure)
SIGNS AND SYMPTOMS OF EXPOSURE-----Coughing, Labored Breathing, Pulmonary Discomfort
MEDICAL CONDITIONS GENERALLY
AGGRAVATED BY EXPOSURE-----May Affect Existing Pulmonary And Respiratory
Conditions
EMERGENCY AND FIRST AID PROCEDURES-----Find Ventilation, Remove To Fresh Air, Seek Medical
Help If Severe. Eyes: Rinse (Flush) With Water.
If Severe, Seek Medical Assistance

SECTION VII--Precautions for Safe Handling and Use

PRECAUTIONS TO BE TAKEN IN CASE MATERIAL IS
RELEASED OR SPILLED-----Use Approved Dust Mask Or Respirator, If Airborne
Levels Exceed PEL/TLV. Sweep Up Or Vacuum, Store In
Dry Place

WASTE DISPOSAL METHOD-----Check Local, State & Federal Ordinances. Dispose In Compliance With Regulations. Landfills, Incinerate Or Other

PRECAUTIONS TO BE TAKEN IN HANDLING

AND STORING-----Control Airborne Particulates To Level Acceptable Under PEL/TLV (1 mg/M3)

OTHER PRECAUTIONS-----Store In Dry, Ventilated Area--Keep Covered

SECTION VIII--Control Measures

RESPIRATORY PROTECTION:

NIOSH/MSHA APPROVED RESPIRATOR-----If Dust Levels Exceed PEL/TLV--Adequate Ventilation

VENTILATION: Local Exhaust-----Sufficient Ventilation To Reduce Levels
Special-----None
Mechanic (General)-----Reduce Levels To Equal Or Below PEL
Other-----None

PROTECTIVE GLOVES-----Optional If Sensitive Skin Exists

EYE PROTECTION-----Recommended (Goggles) Approved

OTHER PROTECTIVE CLOTHING OR EQUIPMENT--Optional

WORK/HYGIENIC PRACTICES-----Practice Good Housekeeping, Follow All Suggested Regulations, Insure Ventilation And Maintain Acceptable Levels

SECTION IX--General

ER

HAZARD RATING

Fire - 0

4 - Extreme

3 - High

2 - Moderate

1 - Slight

0 - Insignificant

Toxic - 0

Reactive - 0

Special - -

Formula-----Natural Earth Composition (See Table I)

USDA Approved-----Yes

pH-----Inert (Approx. 7)

MOHS HARDNESS-----Approx. 1.5

VOLUME PER CUBIC FOOT-----36 to 38 lbs.