

MATERIAL SAFETY DATA SHEET

BMCA 50 PLT
BMCA 25

82

Date January 4, 2013

Optional/Company Official G.W. Oeding

IDENTITY

LABEL

SYNONYMS:

ABSORB-N-DRY

SECTION I

MANUFACTURER'S NAME----Balcones Minerals Corporation

Description: Absorbent Clay

ADDRESS----- 233 Balcones Lane (P. O. Drawer B)
Flatonia, Texas 78941

DOT Listing: NMFC 48170 Clay, Crushed
or Ground In Bags

TELEPHONE 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
May 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

FLAMMABLE 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, Turpentine and
Unsaturated Organic Compounds

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

STEPS 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

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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

OTHER

HAZARD RATING

Fire - 0

4 - Extreme
High

Toxic - 0

Reactive - 0

2 - Moderate

1 - Slight

0 - Insignificant

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.

SIMPLE OXIDE EQUIVALENTS

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<u>Component</u>	<u>Composition. % Dry Basis</u>
Silicon dioxide (SiO_2)	65.92
Titanium dioxide (TiO_2)	.79
Aluminum oxide (Al_2O_3)	6.11
Ferric oxide (Fe_2O_3)	2.97
Calcium oxide (CaO)	1.32
Magnesium Oxide (MgO)	.60
Potassium oxide (K_2O)	.64
Sodium oxide (Na_2O)	< 0.01
Manganic oxide (Mn_2O_3)	< 0.01
Phosphorus pentoxide (P_2O_5)	0.02
Sulfur trioxide (SO_3)	< 0.01
Loss on Ignition	11.62