



# MATERIAL SAFETY DATA SHEET

Form

F 7.3.29

Rev: B  
Page: 1 of 4  
Date: 01/25/07

## I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): Drytek MVB Part C

CHEMICAL FAMILY: Proprietary Blend

MANUFACTURER'S NAME: LATICRETE INTERNATIONAL, INC.  
1 Laticrete Park, N.  
Bethany, CT 06524-3423 USA

Phone number for additional information: (203) 393-0010

Date prepared or revised: 10/2011

Name of preparer: S.B. Fine

## II. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Silica Sand	14808-60-7	50 - 90	50 micro g/m <sup>3</sup>	10 mg/m <sup>3</sup>	N/A
Aluminum Oxide	1344-28-1	0 - 4	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>	N/A
Titanium Dioxide	13463-67-1	0 - 12	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>	N/A
Nepheline Syenite	37244-96-5	0 - 50	10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	

**N/A = Not applicable or available**

## III. HEALTH HAZARD INFORMATION

**SYMPTOMS OF OVEREXPOSURE** for each potential route of exposure. (Possible Longer Term Effects) Inhaled: Symptoms are dyspnea-caused by many lung scars that develop from the dust-pain in chest, decreased vital Chronic lung scarring leads to a progressive massive fibrosis that is often accompanied by increased susceptibility to the risk of impaired health due to a combination of smoking and dust exposure. Persons with reduced pulmonary function may be at increased risk.

capacity and cough. Inhalation of the dust can cause silicosis and may cause lung cancer depending on duration and level of exposure

**SIGNS AND SYMPTOMS OF EXPOSURE** (Acute effects) Eye contact may cause eye irritation. Inhalation of dust may cause lung irritation.

**SUSPECTED CANCER AGENT?**

NO: This product's ingredients are not found in the lists below.

YES:  Federal OSHA  NTP  IARC



# MATERIAL SAFETY DATA SHEET

Form

**F 7.3.29**

Rev: **B**  
Page: **2 of 4**  
Date: **01/25/07**

-----IV. FIRST AID: EMERGENCY PROCEDURES-----

Eye Contact: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact: If irritation occurs, remove affected clothing and wash the skin exposed.

Inhaled: Remove to fresh area. For extreme respiratory distress, administer oxygen.

Swallowed Refer to physician

----- V. FIRE AND EXPLOSION -----

Flash Point method): Non Flammable or combustible

Auto ignition temperature, °F: N/A

Flammable limits in air, volume %: Lower (LEL) \_\_\_\_\_ Upper (UEL)

Fire extinguishing materials:

water spray                       carbon dioxide                      \_\_\_\_\_ other:  
 foam     dry chemical

Special fire fighting procedures: Wear self-contained breathing apparatus with full face piece and protective clothing.

Unusual fire and explosion hazards: This product may form explosive dust clouds in air.

----- VI. SPILL, LEAK, AND DISPOSAL PROCEDURES -----

Spill response procedures (include employee protection measures): Clean up with dustless method (use vacuum or wet sweeping). Wear NIOSH approved dust mask, safety glasses, gloves.

Preparing wastes for disposal (container types, neutralization, etc.): N/A

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

-----VII. Handling and Storage-----

Store in cool dry area.

----- VIII. Exposure Controls and Personal Protection -----

Ventilation and engineering controls: normal ventilation

Respiratory protection (type): NIOSH approved disposable dust mask if PEL is exceeded



# MATERIAL SAFETY DATA SHEET

Form

**F 7.3.29**

Rev: **B**  
Page: **3 of 4**  
Date: **01/25/07**

Eye protection (type): safety glasses

Gloves (specify material): cloth or impermeable gloves

Other clothing and equipment: long sleeved clothing

Work practices, hygienic practices: normal good housekeeping

Other handling and storage requirements: keep away from strong alkalis and oxidizers

Protective measures during maintenance of contaminated equipment: Wear NIOSH approved dust mask, safety glasses, gloves

----- IX. PHYSICAL PROPERTIES -----

Vapor density (air=1): N/A

Melting point or range, °F: N/A

Specific gravity: 2.3

Boiling point or range, °F: N/A

Solubility in water: Insoluble

Evaporation rate (butyl acetate = 1): N/A

Vapor pressure, mmHg at 20°C: N/A

VOC: 0 lb/gal

Appearance and odor: odorless free flowing colored powder

HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust, or mist): N/A

----- X. REACTIVITY DATA -----

Stability:     x     Stable          Unstable

Conditions to avoid: N/A

Incompatibility (materials to avoid): Exposure to hydrofluoric acid or strong alkalis or oxidizers.

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). May release carbon monoxide, carbon dioxide, nitrogen oxide, ammonia upon combustion.

Hazardous polymerization:          May occur     x     Will not occur

Conditions to avoid: Exposure to strong oxidizers or alkalis

----- XI. Toxicology Information -----

Inhalation; Breathing silica dust may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may have the following serious chronic health effects:

Silicosis:

Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and



# MATERIAL SAFETY DATA SHEET

Form

**F 7.3.29**

Rev: **B**  
Page: **4 of 4**  
Date: **01/25/07**

sometimes fatal lung disease called silicosis. Symptoms include cough, shortness of breath. Wheezing, non-specific chest illness and reduced pulmonary function. This disease is exacerbated by smoking. Individuals with silicosis are predisposed to develop mycobacterial infections, (tuberculous and non-tuberculous) and fungal infections. Inhalation of air with a very high concentration of respirable silica dust can cause the most serious forms of silicosis in a matter of months or a few years. Some epidemiologic studies have concluded that there is significant risk of developing silicosis even at airborne exposure levels that are equal to the recommended NIOSH, REL, the ACGIH TLV, the OSHA PEL, and the MSHA Exposure Limit.

Then: is some evidence that breathing respirable crystalline silica or the disease silicosis is associated with an increased incidence of significant disease endpoints such as scleroderma (an immune system disorder manifested by fibrosis of the lungs. skin and other internal organs) rheumatoid arthritis. systemic lupus, erythematosus, sarcoidosis, chronic bronchitis, chronic obstructive pulmonary disease (COPD). emphysema. chronic kidney disease and end-stage renal disease.

-----XII. Ecological Information-----

N/A

-----XIII. Disposal Information-----

Dispose in compliance with local, state, and federal regulations.

-----XIV. Transport Information-----

No special labeling or transportation placarding is required.

-----XV. Regulatory Information-----

All ingredients are listed on the U.S. EPA TSCA inventory of chemical substances. This product contains a chemical known to the State of California to cause cancer or reproductive harm.

-----XVI Other Information-----

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