

# MATERIAL SAFETY DATA SHEET

<b>MANUFACTURER'S NAME:</b>	Martin Limestone, Inc.
<b>ADDRESS:</b>	P.O. Box 550, Blue Ball, PA 17506
<b>DATE PREPARED:</b>	Revised: 05/01/06      Supersedes: 03/01/02

<b>IDENTITY:</b>	Various Mixes of Diamond-Tex® Baseball and Softball Infield Material	<b>INFORMATION PHONE #</b>	(800) 823-7866
		<b>EMERGENCY PHONE #</b>	(717) 354-1300

## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Material</u>	<u>(CAS #)</u>	<u>%</u>	<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>
<b>Crystalline Silica (SiO<sub>2</sub>)</b>	14808-60-7	> 0.1	0.05 mg/m <sup>3</sup> (respirable quartz)	10 mg/m <sup>3</sup> ÷ (% Silica + 2) (respirable quartz)

Diamond-Tex is a mixture of naturally-occurring minerals and soils mined from the earth. No chemicals are added to Diamond-Tex. This product does not present a health hazard under normal use and conditions. However, since silicates are a primary component of the earth's surface, dust from Diamond-Tex and other similar products may contain crystalline silica, which poses an inhalation hazard. Only particle sizes of 10 micrometers or less are considered respirable (breathable) and a possible hazard if exposure occurs.

## PHYSICAL/CHEMICAL CHARACTERISTICS

**Appearance:** Fine to coarse granular brownish-red solid

**Specific Gravity (H<sub>2</sub>O=1):** 0.8 – 1.6

**Boiling Point:** N/A

**Melting Point:** N/A

**Vapor Pressure (mm Hg):** N/A

**Evaporation Rate (Butyl Acetate=1):** None

**Vapor Density (air=1):** N/A

**Solubility in water (%):** Not Soluble

## FIRE AND EXPLOSION HAZARD INFORMATION

**Flash Point (method used):** N/A

**Flammable Limits:** LEL - N/A

**Extinguishing Media:** N/A

UEL - N/A

**Special Fire Fighting Procedures:** N/A

**Unusual Fire or Explosion Hazards:** None

## REACTIVITY INFORMATION

**Stability:** Stable

**Hazardous Decomposition or Byproducts:** None

**Conditions to Avoid:** None

**Hazardous Polymerization:** Will not occur

## SAFE HANDLING AND USE (SPECIAL PROTECTION INFORMATION)

**Ventilation:** When used outside, natural air movements will keep exposures under established limits. If using Diamond-Tex inside, provide sufficient ventilation in the building to prevent excessive dust.

**Respiratory Protection:** When working with Diamond-Tex in a confined area where no local exhaust or general ventilation is possible, a fitted, NIOSH-approved, P100 particulate respirator should be worn if exposures exceed established limits. If exposure limits can't be determined, ventilation should be provided. Wetting the material will also help prevent excessive dust and greatly reduce exposure limits.

**Eye Protection:** When working with Diamond-Tex in extremely dusty environments, tight-fitting goggles should be worn.

**Other Protection Needed:** Whether using Diamond-Tex outside or inside, wetting the material will greatly reduce airborne dust and is a recommended practice in all circumstances.

**HEALTH HAZARD INFORMATION**Acute and Chronic Health Effects by Route of Exposure:

Inhalation: Excessive dust from this product over a short period of time (acute overexposure) may cause irritation to the respiratory system and/or shortness of breath. Consistent overexposure to small or moderate levels above established limits over a long period of time (chronic overexposure) would result in the development of pulmonary diseases such as pneumoconiosis, silicosis, or lung cancer.

Skin: Not applicable.

Ingestion: Normally not route of entry, but dust may enter mouth. No ill-effects anticipated.

Eyes: Dust from this product may cause irritation to eyes.

Medical Conditions Aggravated By Exposure

Existing respiratory problems such as emphysema or asthma could be aggravated by prolonged exposure to excessive dust that is formed from the use of this product and similar products.

Emergency First Aid:

Inhalation: Move to well-ventilated area. Seek medical attention as needed.

Skin: Wash thoroughly with soap and water.

Ingestion: If excessive amount is ingested, seek medical attention.

Eyes: Flush eyes generously with water for 15 minutes. If irritation persists, seek medical attention.

Toxicity: None

Carcinogenicity: Diamond-Tex is not listed by the National Toxicology Program (NTP) or the International Agency for Research on Cancer (IARC) as a carcinogen. However, crystalline silica, a trace ingredient of this product, is listed as a known human carcinogen by the IARC and the NTP.

Overexposure to crystalline silica is not likely as a result of the normal use of this product, either outdoors or indoors. Long-term overexposure may occur indoors if activities consistently stir up excessive dust and proper ventilation, wetting of the material, or personal protective equipment is not used. Engineering controls such as ventilation and wetting methods, in combination with respiratory protection, must be used in areas when excessive dust is formed during the use of this product.

**ENVIRONMENTAL PROTECTION INFORMATION**

Steps to be taken if material is released or spilled: Use wet sweeping, vacuuming, or use other dust prevention measures and discard. Material is not hazardous.

Waste Disposal Method: Dispose of as common waste in accordance with any federal, state, or local ordinances or use as a fill material.

Environmental Hazards: None

**ADDITIONAL COMMENTS**

This material safety data sheet is offered to you in good faith as accurate. Some of the information is from sources outside our company. We reviewed the information and believe it to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No warranty is made, either expressed or implied.