

ONE ENERGY WAY  
WEST WARWICK, RI  
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## MATERIAL SAFETY DATA SHEET # T209

**Product(s) Covered by this MSDS:**

**Granyte®**  
**Sand Storm®**

*(Products offered in a wide variety of colors.)*

**Date Issued:** July 14, 2008 (Replaces June 20, 2005)

**DOT Classification:** Non-Hazardous

**HMIS Ratings:** Health: 1 Fire: 0

Reactivity: 0 Personal Protection: B

**Component Information and Hazards:**

Ingredients	CAS#; List	OSHA-PEL	ACGIH-TLV	% by Weight
		mg/m <sup>3</sup>	mg/m <sup>3</sup>	
Sand (Encapsulated)	14808-60-7	15	10	20 - 56%
Water	7732-18-5	NE	NE	15 - 17%
Acrylic Latex Polymer	Not Applicable	NE	NE	7 - 8%
Calcium Carbonate	1317-65-3	10	10	0-25%
Mica	12001-26-2	3	3	0 - 3%
Silicate	68476-25-5	15	10	0 - 6 %

**Physical/Chemical Characteristics:**

Opaque, semi-solid, wet stucco-like material. Slight ammonia odor.

**Specific Gravity:** 1.75-1.9 **pH:** 8.0 – 9.9

**Fire Hazard Data:**

**Flash Point:** Not applicable.

**Extinguishing Media:** Use extinguishing material suitable for surrounding fire. Closed plastic containers may build up pressure, rupture, or melt due to extreme heat exposure.

**Fire Fighters:** Wear positive pressure, self-contained breathing apparatus (SCBA) in enclosed area.

**Reactivity Data:**

**Stability:** Stable

**Thermal Decomposition Products:** CO, CO<sub>2</sub>, CN, NO<sub>x</sub>.

**Hazardous Polymerization:** Will not occur. Not compatible with strong oxidizing agents or strong acids.

**Health Hazard Data:**

**Routes of Entry:** No known specific skin, inhalation or ingestion hazard.

**Carcinogens:** Respirable crystalline silica has been listed by IARC as carcinogenic to experimental animals and has developed limited evidence for carcinogenicity to humans, however, IARC has determined that the carcinogenicity to humans is neither certain or proven. The critical regulatory particle size for respirable silica is #10 µm MMAD (as in the PM NAAQS). The following link provides more information on respirable silica:

<http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=12999>

The crystalline silica in this product is not of dry, respirable form. Respirable silica may be created by grinding operations on the dried film.

**Health Hazards:** Irritating and abrasive if splashed into the eye because of sand content; may be a skin irritant to sensitive individuals. No acute or chronic hazards are known for the material as packaged at point of manufacture.

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Symptoms of Overexposure: None established. Non-specific irritation is possible in sensitive individuals. No known medical conditions aggravated by exposure.

Emergency and First Aid Procedures: Treat for symptoms. If irritation of the eyes, nose, or throat occurs, move to fresh air. If material gets in eyes, wash eyes immediately with large amounts of water lifting eye lids occasionally. Get medical attention.

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**Control and Protective Measures:**

Protective Gloves: As needed for physical protection.

Eye Protection: Safety or splash goggles recommended.

Other Equipment: Long sleeves, apron as needed.

Respiratory Protection: Not required for wet mixture used exterior or in well-ventilated areas. Approved mechanical filter respirator should be used to remove solid airborne particles during spray, sawing, and sanding operations.

Ventilation: None required when used exterior. Provide adequate air movement and mechanical ventilation if used in an enclosed area.

Work Practices: Observe rules for good personal hygiene and work practices. Wash hands before smoking, eating, or using toilet facilities.

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**Precautions for Safe Handling & Use/Leak Procedures:**

Spills: Shovel and recover; then dispose of as common waste. Do not flush to sewer or streams: material can clog drains and make streams turbid.

Waste Disposal: Non-regulated material.

Storage: Keep from freezing.

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**EPA Supplier Notification/Environmental:**

- ◆ This trade name product contains no chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Re-authorization Act of 1986 (SARA) and 40 CFR Part 372.
- ◆ This product contains no ingredients on the list of Extremely Hazardous Substances for SARA Emergency Planning.
- ◆ Tier I / Tier II Hazard Category (40 CFR 370): Immediate Health Hazard.

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This Material Safety Data Sheet (MSDS) has been developed for current compliance with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

The information contained herein is based upon data considered accurate. Triarch, a division of Dryvit Systems, Inc., assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees and users assume all risks associated with the use of this material.

*MSDS # T209 – Sand Storm™/Granyte™ (input 7/08; replaces 6/05)*