



Vapor density: NA  
Solubility in water: Negligible  
Evaporation rate: NA  
Appearance and odor: White to gray solid odorless



Flash point: NA  
Flammable limits: Not flammable  
Extinguishing media: None required  
Special fire fighting procedures: None required  
Unusual fire and explosion hazards: When heated at 1700° F or more for prolonged periods, dolomitic limestone decomposes into dolomitic quicklime (CaOMgO) releasing carbon dioxide (decomposition can begin at 1100°F).

Threshold limit value: Exposure limits vary with the % quartz dust. Refer to ACGIH and MSHA for current TLV's and TWA's.  
Effects of overexposure: Exposure to dust may irritate respiratory system, eyes or skin.  
Emergency and first aid procedures: Dust in eyes – flush with clear water. Dust on previously irritated skin – wash with soap and water. Dust in throat and nasal passages should clear spontaneously. Contact a physician if irritation persists.

Stability: Unstable - reacts with acids evolving CO<sub>2</sub>. Stable if no acids are present.  
Incompatibility: Contact with acids.  
Hazardous decomposition products: When heated at 1100 - 1700° F, dolomitic limestone decomposes into dolomitic quicklime releasing carbon dioxide gas.  
Hazardous polymerization: Will not occur.

Steps to be taken if material is spilled or released: Spilled materials, where dust is generated, may overexpose clean-up personnel

to respirable dust. Use of respiratory protective equipment may be necessary. Dolomitic limestone may be wetted with water to control dusting.

Waste disposal method: Pick up and reuse clean materials. Dispose of waste materials only in accordance with applicable federal, state, and local laws and regulations.



Respiration protection: NIOSH-MSHA approved dust respirators for conditions where dust levels may exceed exposure limits.

Ventilation: As required to maintain exposures below TLV's. Vent dust to collector.

Eye protection: Dust goggles should be worn when visibly dusty conditions exist.

No special precautions required. Respirable dust levels should be monitored regularly. May cause pitting of aluminum.

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