

MATERIAL SAFETY DATA SHEET**HADEKA STONE CORPORATION**

P.O. Box 108

Hampton, New York 12837

I - IDENTIFICATION

Chemical Name Hard Rock	Chemical Formula Not Applicable	Molecular Weight Not Applicable
Trade Name <i>Redkote / Greenkote</i>		
Synonyms Aggregate	Dot Identification No. None	

II - PRODUCT AND COMPONENT DATA

Component(s)	Chemical Name	CAS Registry No.	% (Approx.)	ACGIH TLV-TWA
Slate*			100%	See section VI
Composition varies naturally - typically contains quartz (crystalline silica)			>1	

III - PHYSICAL DATA

Appearance and Odor Angular red particles 1/8" and finer in size. No odor.	Specific Gravity 2.6 - 2.75
Boiling Point Not applicable	Vapor Density in Air (Air = 1) Not Applicable
Vapor Pressure Not applicable	% Volatile by Volume 0%
Evaporation Rate 0	Solubility in Water 0

IV - REACTIVITY DATA

Stability Stable	Conditions to Avoid None known
Incompatibility (Materials to avoid) None known	
Hazardous Decomposition Products Silica-containing respirable dust particles may be generated by handling.	
Hazardous Polymerization Not known to polymerize	

V - FIRE AND EXPLOSION HAZARD DATA

Flashpoint (Method used) Not flammable	Flammable Limits in Air Not flammable
Extinguishing Agents None required	Unusual Fire and Explosion Hazards None known

VI - TOXICITY AND FIRST AID

Exposure Limits (When exposure to this product and other chemicals is concurrent, the exposure limit must be defined in the workplace)

Unless specified otherwise, limits are expressed as milligrams of substance per cubic meter of air (mg/M³), 8-hour time weighted averages (TWA).

Respirable crystalline silica (quartz): AGGIH TLV & OSHA PEL, and MSHA - proposed PEL = 0.1.

Respirable dust: MSHA = 10 divided by (% respirable quartz + 2).

Total dust: MSHA = 30 divided by (% quartz +3).

Other particulates: ACGIH TLV = 10 (total particulates, not otherwise classified: OSHA PEL = 5 (respirable dust, not otherwise regulated) 15 (total dust, not otherwise regulated); MSHA = (total "nuisance" dust); MSHA proposed = 5 (respirable mine dust").

Effects described in this section are believed not to occur if exposures are maintained at or below appropriate TLVs.

Because of the wide variation in individual susceptibility, these exposure limits may not be applicable to all persons and those with medical conditions listed below.

Medical Conditions Aggravated by Exposure

Inhaling respirable dust and/or crystalline silica may aggravate existing respiratory system disease(s) and or dysfunctions.

Exposure to dust may aggravate existing skin and/or eye conditions.

Primary Route(s) of Exposure

Inhalation

Acute Toxicity

Exposure to dust may irritate respiratory systems, eyes, and skin.

First Aid

Dust in eyes: Flush eyes with running water for 15 minutes. Contact a physician if irritation persists or later develops.

Dust on previously irritated skin: Wash with soap and water. Contact a physician if irritation is aggravated.

Dust inhalation: Remove to fresh air. Dust in throat and nasal passages should clear spontaneously. Contact a physician if irritation persists or later develops.

Chronic Toxicity

Chronic exposure to respirable quartz-containing dust in excess of appropriate exposure limits has caused silicosis, a progressive pneumoconiosis. Chronic tobacco smoking may further increase the risk of developing chronic lung problems.

Slate is not listed on the NTP IARC or OSHA lists of carcinogens. Crystalline silica, a component of this product, is on the NTP and IARC carcinogen lists, but not on the OSHA carcinogens list. IARC and NTP have determined that there is sufficient evidence for carcinogenicity to experimental animals exposed to crystalline silica and limited evidence for carcinogenicity to humans. "Limited evidence" means that a casual relationship is possible; however, other explanations such as chance, bias or confounding factors cannot adequately be excluded.

VII - PERSONAL PROTECTION AND CONTROLS

Respiratory Protection

NIOSH-MSHA approved dust respirators for conditions where dust levels exceed or are likely to exceed appropriate exposure limits. Respirator use must comply with applicable MSHA or OSHA standards, which include provisions for a user training program, respirator repair and cleaning, respirator fit testing and other requirements.

Ventilation

Local exhaust or general ventilation adequate to maintain exposure below appropriate exposure limits.

Skin Protection

See "Hygiene" section below.

Eye Protection

Safety glasses with side shields should be worn as minimum protection. Dust goggles should be worn when excessively (visible) dusty conditions are present or are anticipated.

Hygiene

Wash dust-exposed skin with soap and water. Wash work clothes after each use.

Other Control Measures

Dust and quartz levels in excess of appropriate limits should be reduced by all feasible engineered controls, including (but not limited to) wet suppression, ventilation, process enclosure, and enclosed employee work stations.

VIII - STORAGE AND HANDLING PRECAUTIONS

Respirable dust may be generated during processing, handling and storage. The controls identified in Section VII of the MSDS should be applied as appropriate.

IX - SPILL, LEAK AND DISPOSAL PRACTICES**Steps to be taken in case material is released or spilled**

The controls identified in Section VII of the MSDS should be applied as appropriate.

Spilled materials, where dust can be generated may overexpose cleanup personnel to respirable dust.

Wetting of spilled material and/or use of respiratory protective equipment may be necessary.

Avoid dry sweeping.

None of the components in this product are subject to the reporting requirements of Title III of SARA, 1986 and 40 DFR 372.

Waste Disposal Method

Pickup and reuse clean materials. Dispose of waste materials only in accordance with applicable federal, state and local laws and regulations.

TRANSPORTATION**Dot Hazard Classification**

None

Placard Required

None

Label Required

Label as required by the OSHA Hazard Communication standard (29 CFR Section 1910.1200(f)), and applicable state and local regulations.

FOR FURTHER INFORMATION CONTACT: HADEKA STONE CORPORATION
P.O. BOX 108
HAMPTON, NEW YORK 12837
(518)282-9605

Date of preparation: 9/1/94

Revised: ~~November 1999~~ APRIL 2004

NOTICE: Hadeka Stone Corporation believes that the information contained on this Material Safety Data Sheet is accurate. The suggested procedures are based on experience as the date of publication. They are not necessarily all-inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements.