MSDS No.: 021599A Date: August 2000

Revision: 7

MATERIAL SAFETY DATA SHEET

Manufacturer: Emergency Tel. No.

J. Penner Corporation Infotrac: 1-800-535-5053

17 Welden Drive

Doylestown, PA 18901 Information Tel. No. 215-340-9700

Section I - Product Identification

Trade Names/Synonyms: Part No.: 551

Re-Mark-Able Marker Board Conditioner & Cleaner

Chemical Name:

<u>Ingredients</u>	CAS No.	% by Weight
Kaopolite	1302-76-7	<25%
Siltech	06314-86-29	<10%
Odorless Mineral Spirits	64741-65-7	<25%
d-Limonene	5989-27-5	<10%
Butylated hydroxy toluene	128-37-0	.1%
Deionized Water	7735-18-5	>50%

Proprietary formula, mixture containing water, unsaturated alicyclic hydrocarbons, petroleum distillate, clay and aminosiloxane.

Section II - Emergency and First Aid

Eyes: Flush with plenty of water for at least 15 minutes. Get medical attention

immediately.

Skin: Wash skin with mild soap and water. Rinse thoroughly. See a doctor if irritation

persists.

Inhalation: Remove victim to fresh air. If breathing difficulty does not improve rapidly, get

patient to a doctor.

Ingestion: Do not induce vomiting. Obtain medical attention immediately. No crystalline silica detected using the recommended NIOSH test method 7500.

Route of Entry: Inhalation, Skin, Eye, and Ingestion

Symptoms of Overexposure: N/A

Medical Conditions Generally Aggravated by Exposure: None reported.

Additional Information:

Precautionary Labeling

Health - 1 Flammability - 3 Reactivity - 0 Page 2 MSDS No.:021599A

Section III - Toxicology and Health Information

This material has been tested and evaluated by J. Penner Corporation. When used as intended, it does not represent a health or safety hazard.

	<u>Kaolin</u>	OSHA PEL	ACGIH TL	LC ₅₀ ppm (Inhalation, 1	LD ₅₀ mg/kg (Oral, rat)
Kaopolite	-h1- 50		3		
Calcined Kaolin Respira	_	$/\text{m}^3$ 5 mg/m			
Clay Al ₂ O ₃ 2SiO ₂	Total Dust	10.0 mg/m^3	10 mg/m^3		
Siltech		N.E.	N. E.	N.E.	N. E.
Odorless Mineral Spirits		100 PPM 100 PP	M 59	2 PPM/4H	25 ML/KG
d-Limonene		N/A	N/A	N/A	N/A
Deionized water		N/A	N/A	N/A	N/A

Eye Irritation:

Skin Irritation: Based on information available, this product may cause minor to moderate skin irritation. Product may be harmful if inhaled or swallowed.

Carcinogens: Aquatic LC50:

Additional Information: Product is not known to cause allergies.

Section IV - Physical Data

Appearance/Odor: Semi-viscous, creamy white Softening Range:

liquid with a petroleum citrus odor

Boiling Point: None available Melting Point: None available

Solubility in Water: Yes, miscible. Product Specific Gravity (at °C): None available

contains water

Evaporation Rate: None available (H2O=1):

Vapor Density (Air=1): None available

Vapor Pressure (mmHg): None available

Volatile: (Wgt.) None available pH: neutral

Viscosity: 8500.0 centipoise

Section V - Fire and Explosion Data

Flash Point (Method Used): Tag Closed Cap - 120°F

Extinguishing Media: Not applicable

Special Fire Fighting Procedures: None recommended

Fire and Explosion Hazards: Product contains approximately 25% ingredients with flash point

of 120°F. It will not burn after the water has evaporated, residue

might be a fire hazard.

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Section VI - Reactivity Data

Stability: Unstable Hazardous May Occur

Stable X Polymerization: Will Not Occur X

Hazardous Decomposition of Byproducts: Oxides of carbon

Conditions to Avoid: Product may decompose if exposed to extremely high temperatures.

Section VII - Special Protection Information

Respiratory Protection: Normally not required

Eye Protection: Chemical splash goggles are recommended

Protective Gloves: Neoprene gloves are recommended

Ventilation: Local or mechanical ventilation recommended.

Work/hygienic practices: Use with adequate ventilation. Prevent contact with eyes, skin, and

clothing. Have eye washing safety shower readily available.

Other: As required by work place standards.

Section VIII - Special Precautions

Handling and Storage: Store in cool, dry area.

Conditions to Avoid: Avoid eye or skin contact. Avoid sources of ignition. Protect containers

from physical damage.

Section IX - Spill, Leak, and Disposable Procedures

For Spills or Leakage: Use protective equipment to avoid skin contact. Spills can be cleaned up

with vermiculite or other non-flammable absorbent material and

removed to an approved disposal container. Do not

put spills down drains. Move leaking containers to well ventilated

area. Avoid inhalation. Avoid ignition sources.

Waste Disposal Method: Consult federal, state and local regulations for allowed means of

disposal.

Section X - Transportation Information

DOT Proper Shipping Name: Petroleum Distillates UN #1268

Hazard Classification: Class 3 Flammable Liquid