

MSDS No.: 021599A  
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**MATERIAL SAFETY DATA SHEET**

Manufacturer:  
J. Penner Corporation  
17 Welden Drive  
Doylestown, PA 18901

Emergency Tel. No.  
Infotrac: 1-800-535-5053  
Information Tel. No.  
215-340-9700

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**Section I - Product Identification**

Trade Names/Synonyms:  
Re-Mark-Able Marker Board  
Conditioner & Cleaner

Part No.: 551

Chemical Name:

<u>Ingredients</u>	<u>CAS No.</u>	<u>% by Weight</u>
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.

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**Section II - Health Information**

For further health information, contact the Rocky Mountain Poison Control Center at 303-739-1110.

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**Precautionary Labeling**

Health - 1  
Flammability - 3  
Reactivity - 0

### 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>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>LC<sub>50</sub> ppm</u> <u>Inhalation, rat</u>	<u>LD<sub>50</sub> mg/kg</u> <u>(Oral, rat)</u>
Kaopolite					
Calcined Kaolin	Respirable	5.0 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>		
Clay Al <sub>2</sub> O <sub>3</sub> 2SiO <sub>2</sub>	Total Dust	10.0 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		
Siltech	N.E.	N. E.	N.E.		
Odorless Mineral Spirits		100 PPM 100 PPM	592 PPM/4H	N.E.	25 ML/KG
d-Limonene		N/A	N/A	N/A	N/A
Deionized water		N/A	N/A	N/A	N/A

### Section IV - Physical Data

Appearance/Odor: Semi-viscous, creamy white liquid with a petroleum citrus odor  
Softening Range:

Boiling Point: None available  
Melting Point: None available

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

Evaporation Rate: None available  
(H<sub>2</sub>O=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.

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**Section VII - Special Precautions**

Handling and Storage: Store in cool, dry area.

Conditions to Avoid: Avoid sources of ignition. Protect  
containers from physical damage.

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**Section VIII - 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.

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**Section IX - Transportation Information**

DOT Proper Shipping Name: Petroleum Distillates                      UN #1268

Hazard Classification: Class 3 Flammable Liquid