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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

Section I - Product Identification

Trade Names/Synonyms: Part No.: 550
Quartet Re-Mark-Able
Markerboard Cleaner - 16 oz.

Chemical Name: Aqueous mixture

| <u>Ingredients</u> | <u>CAS No.</u> | <u>% by Weight</u> |
|---------------------|----------------|--------------------|
| Water | 7732-18-5 | 93.5% |
| Glycol Ether EB | 111-76-2 | 2.5% |
| Benzyl Alcohol | 100-51-6 | 2.0% |
| Trisodium Phosphate | 7601-54-9 | 1.5% |
| Polytergent B-300 | 26027-38-3 | .5% |

Section II - Emergency and First Aid

Eyes: Flush with water for 15 minutes. See physician.
Skin: May cause irritation. Wash with soap and water.
Inhalation: May cause irritation of respiratory tract.
Ingestion: May cause gastrointestinal irritation, nausea,
diarrhea. Induce vomiting with 2 glasses of
water. Call physician.
Symptoms of Overexposure: short term; eye - eye irritant/may
cause conjunctivitis.
Medical Conditions Generally Aggravated by Exposure: None
recognized.
Additional Information:

Precautionary Labeling

Health - 1
Flammability - 0
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.

Oral LD50: 5.g/kg (rats) practically TLV: none established
 Dermal LD50: None available
 Inhalation LC50: None available
 Eye Irritation: None available
 Skin Irritation: None available PEL: N/A
 Human Patch: Non-sensitizing
 Mutagenicity: No mutagenicity detected in
 the Ames Assay
 Carcinogens: None present
 Aquatic LC50: None available

Section IV - Physical Data

Appearance/Odor: Aqueous Solution Softening Range: N/A
 slightly sweet odor
 Boiling Point: 210-225° F Melting Point: N/A
 Solubility in Water: 100% Specific Gravity
 Evaporation Rate: <1 (H2O=1): 1.0
 (Butyl Acetate = 1)
 Vapor Density (Air=1): Vapor Pressure (mmHg):
 Volatile: (Wgt.) ph = N/A

Section V - Fire and Explosion Data

Flash Point (Method Used): Flammable LEL: N/A
 N/A - Non-flammable Limits UEL: N/A
 Extinguishing Media:
 Not applicable
 Special Fire Fighting Procedures:
 Not applicable
 Fire and Explosion Hazards: None

Section VI - Reactivity Data

Stability: Unstable Hazardous May Occur
 Stable X Polymerization: Will Not Occur X

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide,
 silicone dioxide, aldehydes, and other decomposition products.

Incompatibility (Materials to Avoid): Strong oxidizing agents

Section VII - Special Protection Information

Respiratory Protection: None usually required
Eye Protection: Goggles/face shield to prevent possible eye irritation
Protective Gloves: Yes to avoid possible irritation
Ventilation: Local Exhaust - Yes
Other: None

Section VIII - Special Precautions

Handling and Storage: Protective gloves: use to prevent possible skin irritation.
Conditions to Avoid: Do not store near flames or at elevated temperature

Section IX - Spill, Leak, and Disposable Procedures

For Spills or Leakage: Flush with water
Waste Disposal Method: Dispose in accordance with applicable local, state, and federal regulations.

Section X - Transportation Information

DOT Proper Shipping Name: N/A ID Number: None required
Hazard Classification: Non-hazardous

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