

MATERIAL SAFETY DATA SHEET

1. American Polywater Corporation

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**Product Name: HotStick
Cleaner/Water Repellent Wipe -
Type S**

Date Reviewed: April 16, 2008

Reviewed By: S. H. Dahlke

Emergency Number: 1-651-430-2270

2. HAZARDOUS INGREDIENTS

<u>Components*</u>	<u>CAS #</u>	<u>Weight %</u>	<u>ACGIH TLV**</u>	<u>OSHA TWA</u>
Isopropanol	67-63-0	<15 gm/pack (<100%)	400 ppm	400 ppm

* All components are listed on the TSCA inventory.

3. HAZARDS IDENTIFICATION

Emergency Overview

Clear, lint-free wipe saturated with silicone/alcohol solution

Combustible. Keep away from fire and flame. Use with adequate ventilation. Do not ingest. Avoid contact with skin. In case of eye contact, flush eyes with water. Keep out of reach of children.

Eye Contact: Direct eye contact with vapors or splashes may cause eye irritation. This irritation is minimal and expected to be transient.

Skin Contact: This product has low skin irritation potential. Prolonged or repeated skin exposure can remove oils, causing redness, drying and cracking. Persons with pre-existing skin disorders may be more susceptible to skin irritation from this material.

Inhalation (Breathing): Concentrated alcohol vapors may cause irritation of the nose and throat. Prolonged exposure to excessively high vapor concentrations can result in central nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue). Persons with impaired lung function may experience additional breathing difficulties due to the irritant properties of this material.

Ingestion (Swallowing): Material has low level of oral toxicity. Ingestion of large quantities may cause irritation of the digestive tract, nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue).

Carcinogenic Status: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA, nor have any of its components.

4. FIRST AID

Eye Contact: If eye irritation from exposure to vapors develops, move to fresh air. Flush eyes with clean water. If irritation persists, seek medical attention. For direct eye contact, flush with large quantity of water for 15 minutes. Seek medical attention.

Skin Contact: Remove contaminated clothing; flush skin thoroughly with water. If irritation occurs, seek medical attention.

Inhalation (Breathing): If irritation of nose or throat develops, move to fresh air. If irritation persists, seek medical attention. If breathing is difficult, provide oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.

Ingestion (Swallowing): Maximum amount in a single pack is less than 18 mls of solvent. If victim is drowsy or unconscious, place on the left side with head down. Do not leave victim unattended. Seek medical attention. If patient is fully conscious, give two glasses of water. Induce vomiting.

5. FIRE AND EXPLOSION HAZARD

Flash Point: 63°F (PMCC) for solvent (bulk)

Flammable Limits: Unknown

Extinguishing Media: Carbon Dioxide, Dry Chemical or Foam

Special Procedures: Towelettes will ignite. If burning, smother or isolate from other flammable materials.

Unusual Hazards: If large quantities of cartoned towelettes are ignited, treat as an alcohol fire.

6. ACCIDENTAL RELEASE MEASURES

No spill hazard with saturated towel package.

7. HANDLING AND STORAGE

Keep boxes containing solvent wipes closed. Keep towelettes cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice. All towelettes should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. CONTROL MEASURES

Respiratory Protection: Normal ventilation adequate. Exposure can only exceed limits if many packets are opened in an enclosed area. In this case, use a respirator or gas mask with cartridges for organic vapors (NIOSH approved) or use supplied air equipment.

Protective Gloves: For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.

Eye Protection: Eye protection is recommended if the material is used in ways where it could drip into the eyes.

Other Protective Equipment: It is suggested that a source of clean water be available in work area for flushing eyes and skin. Impervious clothing should be worn as needed.

9. PHYSICAL DATA

Appearance: A non-linting towel, lightly saturated with clear, colorless liquid

Vapor Pressure of Solvent: 33 mm Hg @ 20°C

Specific Gravity of Solvent (H₂O = 1): .79

Percent Volatiles of Solvent (Weight): 85%

Boiling Point of Solvent: 180°F / 82°C

Vapor Density of Solvent (Air = 1): 2.07

Solubility in Water of Solvent: Infinite

Evaporation Rate of Solvent: 2.8 (n-butyl acetate = 1)

VOC Content of Solvent: 675 gms/L

10. REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatibility: Avoid heat, flame and contact with strong oxidizing agents.

11. HEALTH HAZARD/TOXICOLOGICAL INFORMATION

Refer to Section 3 for available information on potential health effects.

12. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, county, state, and federal regulations.

13. TRANSPORTATION

DOT Hazard Class: Not Regulated for domestic ground shipment.

DOT Shipping Name: Not Regulated

14. REGULATORY STATUS

Canada WHMIS Class: B2

Hazard Categories for SARA Section 311/312 Reporting	Acute No	Chronic No	Fire Yes	Pressure No	Reactive No
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Components	CERCLA/SARA Sec. 302 Hazardous Substance RQ	EHS TPQ	SARA Sec. 313 Toxic Release
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The components of the S-1 wipe are not affected by these Superfund regulations.