

MATERIAL SAFETY DATA SHEET

1. **American Polywater Corporation**
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Product Name: Boom Wash Concentrate

Date Reviewed: October 28, 2009
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>
Dipropylene Glycol Monomethyl Ether	34590-94-8	1-5	100 ppm	100 ppm
Diethylene Glycol Butyl Ether	112-34-5	1-5	NE**	NE**
Sodium Metasilicate Pentahydrate	6834-92-0	1-5	NE**(recommend 2mg / m ³)	NE**

* All components are listed on the TSCA inventory.

** Not Established

3. HAZARDS IDENTIFICATION

Emergency Overview

Clear water solution which foams with agitation

Do not ingest. Avoid contact with skin. In case of eye contact, flush eyes with water. Keep out of reach of children

Skin & Eye Hazard: Skin contact not recommended for concentrated solution. Boom Wash Concentrate is a caustic solution. It can cause skin or eye irritation, burning, and, possibly, blindness.

Inhalation (Breathing): No inhalation hazard expected with water vapor.

Ingestion (Swallowing): Based on ingredients, LD₅₀ (rat) is estimated to be well over 10 gm/kg or moderate toxicity. No effect is expected on ingestion of small quantities. Ingestion of larger quantities may cause gastric discomfort and burns to mouth and esophagus.

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: Flush eyes with a large quantity for 15 minutes. If irritation continues, seek medical attention.

Skin Contact: If skin becomes irritated, wash area thoroughly with soap and water. If irritation continues, seek medical attention.

Inhalation (Breathing): No first aid expected to be required. Not an inhalation hazard.

Ingestion (Swallowing): Do not induce vomiting. Immediately administer large quantities of water. Obtain medical attention.

5. FIRE AND EXPLOSION HAZARD

Flash Point: No flash via TCC.

Flammable Limits: Product is not flammable.

Extinguishing Media: Does not apply.

Special Procedures: Does not apply.

Unusual Hazards: Sealed container can build up pressure when exposed to high heat.

Hazardous Decomposition Products: High temperature steam, potentially carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Boom Wash Concentrate is slightly caustic. Flush small spills to drain with water. Dike or dam larger spills and return to container for reuse. Dilute and neutralize residue. Outside, spills should be diluted with a quantity of water, then covered with sand, dirt or gravel.

7. HANDLING AND STORAGE

Keep containers tightly closed when not in use.

8. CONTROL MEASURES

Respiratory Protection: Normal ventilation adequate.

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

Eye Protection: Safety goggles recommended.

9. PHYSICAL DATA

Appearance: Clear liquid which foams with agitation.

Vapor Pressure: N/A

Specific Gravity (H₂O = 1): >1

pH: <10.5

Boiling Point: ~212°F / 100°C

Ignition Temperature: None

Vapor Density (Air = 1): .9 to 1.1

Solubility in Water: Infinite

10. REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatibility: Avoid materials which react with water. Avoid contact with aluminum, zinc, and their alloys. Contact with acids will cause a heat-releasing reaction.

11. HEALTH HAZARD/TOXICOLOGICAL INFORMATION

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

12. DISPOSAL CONSIDERATIONS

Dilute with water and dispose of product in accordance with local, county, state, and federal regulations. (Boom Wash Concentrate is normally sewer disposable.)

13. TRANSPORTATION

DOT Hazard Class: Not Applicable

DOT Shipping Name: Not Applicable

For domestic purposes, this product is not defined or designated as a hazardous material by the U.S. Department of Transportation.

14. REGULATORY STATUS

Canada WHMIS Class: NC

Hazard Categories for SARA Section 311/312 Reporting

Acute
Yes

Chronic
No

Fire
No

Pressure
No

Reactive
No

Components

Hazardous Substance RQ

EHS TPQ

SARA Sec. 313 Toxic Release

The components of Boom Wash Concentrate are not affected by these Superfund regulations.