



Safety Data Sheet

Monopole, Inc.

Product Name: TUFFGUARD

Issue Date: July 2016

Monopole Inc. encourages and expects you to read and understand the entire SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

SECTION 1: Identification

Product Name: TUFFGUARD

Product Codes

4600S: Smooth, Clear Base
4650S: Smooth, White Base
4600T: Textured, Clear Base
4650T: Textured, White Base

COMPANY IDENTIFICATION

Monopole, Inc.
4661 Alger Street
Los Angeles, CA 90039
Tel: (818) 500-8585
Fax: (818) 502-0818

EMERGENCY TELEPHONE NUMBERS:

Health Emergency: (818) 500-8585
Poison Center : (800) 222-1222
Chemtrec : (800) 424-9300

SECTION 2: Hazard Identification

Hazard Classification

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Other Hazards

no data available

SECTION 3: Composition/Information on Ingredients

Hazardous Components	% (by weight)	CAS#	Classification
Acrylate Polymer	57%		Not Hazardous
Dipropylene glycol n-butyl ether	~1%	29911-28-2	Eye irritation Skin irritation
Residual Monomer	0.2%		Not Hazardous
Water	30%	7732-18-5	

SECTION 4: First Aid Measures

Inhalation: Move to fresh air. If victim is not breathing, give artificial respiration. If victim's breathing is difficult, give oxygen. Call a physician.

Skin Contact: Wash skin with soap and water. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

Eye Contact: Flush eyes thoroughly with water for 15-20 minutes while holding eyelids apart. If eye irritation persists, consult a specialist.

Ingestion: Do not induce vomiting. Immediately give victim 2 glasses of water. Never give anything to an unconscious person. Call a physician.

SECTION 5: Fire Fighting Measures

Flash Point: Non-Flammable, Non-Combustible

Extinguishing Media: Dry chemical, CO₂ or water spray.

Unsuitable Extinguishing Media: Do not use solid water stream as it may scatter and spread fire.

Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective equipment.

SECTION 6: Accidental Release Measures

Personal Precautions: Use Personal Protective Equipment. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes or clothing. Material can create slippery conditions.

Environmental Precautions: Do not allow into any sewer, on the ground or into any body of water. Dike to collect large liquid spills.

Steps To Be Taken In Case Material Is Released Or Spilled: Use personal protective equipment. Cover spill with sawdust, sand, oil dry or other absorbent material. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

SECTION 7: Handling and Storage

Safe Handling: Use personal protective equipment. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Wash clothing after use. Do not store or consume food, drink, or tobacco in areas where they may become contaminated with this material. Avoid breathing vapors or mist. Ensure adequate ventilation, especially in confined areas.

Storage Conditions: Store temperatures: 34°F - 100°F. Keep from freezing – product stability may be affected. Stir well before use. Keep container tightly closed.

SECTION 8: Exposure Controls and Personal Protection

Exposure Guidelines: Exposure Limits

Hazardous Components	Regulation	Type of listing	Value
No hazardous component subject to the reporting requirements.	OSHA ACGIH	PEL TWA	Not Established

Engineering Controls: Use only with adequate ventilation.

Personal Protection – Routine Handling

Eye/Face Protection: Wear safety glasses with side-shields.

Skin and Body Protection: Wear protective gloves and protective clothing.

Respirator Protection: Wear appropriate NIOSH approved respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that the limits are within recommended exposure guidelines.

Protective Clothing / Skin Contact: Where there is potential for skin contact have available and wear as appropriate impervious gloves and apron. Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing and flush affected areas with cool water.

SECTION 9: Physical and Chemical Properties

Appearance and Odor: Slight Odor, Milky White Liquid

pH: 8-9

Boiling Point: 100°C (212°F) Water

Flash Point: Noncombustible

Flammable Limits: LEL: Not Applicable UEL: Not Applicable

Clear Base 4600S Specific Gravity (H20=1): 1.092 g/cm³

White Base 4650S Specific Gravity (H20=1): 1.18 g/cm³

Water Solubility: Miscible

Vapor Density: Not determined.

Evaporation Rate: Not determined.

VOC: < 50 g/L

SECTION 10: Stability and Reactivity

Hazardous reactions: None known.

Stable

Materials to Avoid (Incompatibility): None known.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide (CO₂), Hydrocarbons.

Conditions to Avoid: Extremes of temperature and direct sunlight.

SECTION 11: Toxicological Information

There is no data available for this material.

SECTION 12: Ecological Information

There is no data available on the adverse effects of this material on the environment.

SECTION 13: Disposal Considerations

Environmental Precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Waste Disposal Method: Dispose of in accordance with Local, State, and Federal Regulations. Regulations may vary in different locations. DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER.

SECTION 14: Transportation Information

DOT Proper Shipping Name: Not regulated.

IATA Proper Shipping Name: Not Regulated.

IMO Proper Shipping Name: Not regulated (Not dangerous for transport).

State Regulations: California - None.

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

SECTION 15: Regulatory Information

Toxic Substance Control Act: All chemicals comprising this product are listed on or exempt from the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): There are no chemical present known to the state of California to cause cancer or reproductive toxicity.

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization act of 1986. This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute health hazard:	No
Chronic health hazard:	No
Fire hazard:	No

Sudden release of pressure hazard: No
Reactive hazard: No

CERCLA

This material does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to the release of this material.

SECTION 16: Other Information

NFPA	Health Hazards 1	Flammability 0	Instability 0	
HMIS	Health Hazards 1	Flammability 0	Physical Hazards 0	Personal Protection X

USER'S RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions, in addition to those described herein, are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability or completeness of the information. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Monopole Inc. urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.