

MATERIAL SAFETY DATA SHEET

#5854

Section One Product and Company Information

Product Name: Top Coat **Date:** January 27, 2012
Distributed by: Brittany Supply **CAS#:** Mixture **Formula:** (528N-19A)
 1301 Sand Hill Road **Product Technical Information:** 1-816-233-1321, ext. 8285
 Candler, NC 28715 **Medical/Handling Emergency:** 1-816-233-1321, ext. 8285
Transportation Emergency: Chemtrec 1-800-424-9300 (Only in the event of a chemical emergency involving a spill, leak, fire, exposure or accident involving chemicals)

Section Two Composition/Information on Ingredients

Components (Specific Chemical Identity: Common Name(s))	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
Zinc oxide ⁽¹⁾	1314-13-2	5 mg/M ³	5 mg/M ³	N/A	less than 0.6
Water	7732-18-5	none	none	N/A	---
Acrylate Copolymer	Unknown to Hillyard	N/E	N/E	N/A	---
Polyethylene emulsions	9010-77-9	N/E	N/E	N/A	---
Dipropylene glycol monomethyl ether ⁽¹⁾	34590-94-8	N/E	N/E	N/A	1-5
Diethylene glycol monoethyl ether ⁽²⁾ **	111-90-0	N/E	N/E	N/A	1-5
Tributoxyethyl Phosphate (Ethanol 2 Butoxy, phosphate) **	78-51-3	N/E	N/E	N/A	1-3

⁽¹⁾ Regulated by OSHA and the following states: CA, FL, ID, IL, LA, MA, MN, NJ, PA, WA.

⁽²⁾ Regulated by the following states: FL, PA, RI.

** This product contains the following chemical subject to reporting requirements of SARA Title III, Section 313: Diethylene glycol monomethyl ether and Tributoxyethyl Phosphate

N/A= Not Applicable N/E= Not Established

Section Three Hazards Identification

(1. Acute and 2. Chronic)

1. None known. (According to Primary Skin Irritation Test [FHSA] and Eye Irritation Test [FHSA] of formulation product is not an eye or skin irritant.) FHSA oral - not toxicity at 5g./kg.

2. None known to polish manufacturer.

Section Four First Aid Measures

Emergency and First Aid Procedures: Eyes: If splashed into eyes flush with water for at least 15 minutes. **Skin:** Flush skin with water for at least 15 minutes.

Ingestion: Drink large quantity of water; call physician if discomfort continues.

Section Five Fire Fighting Measures

Flash Point (Method): >200° (Tag Closed Cup) **Flammable Limits:** LEL = N/E UEL = N/E

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Water Fog

Special Fire Fighting Procedures: Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

Unusual Fire and Explosion Hazards: Material may spatter if temperatures exceed boiling point. Polymer film can burn.

Section Six Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Pick up with mop or wet vac and wash away with water.

Waste Disposal Method: Wash small quantities down sewer with large amount of water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. Large spills should be picked up with wet vac or absorbent material. Landfill or incinerate solids. Dispose of liquid per local, state, and federal regulations.

Section Seven Handling and Storage

Handling: Freezing of product may rupture container. Product shelf life is best retained by storage at 45 - 100°F temperature. **Other Precautions:** Do Inhalation exposure to spray mist should be maintained at less than 10 mg/M³ per eight hours exposure (TWA limit estimated for nuisance dust).

Section Eight Exposure Controls/Personal Protection

Personal Protective Equipment: Respiratory: Ventilate to keep air concentration below TLV on monoethanolamine and sodium metasilicate. Local exhaust= Recommended. Mechanical (General) = Recommended. Special = N/A. Other = N/A. **Gloves:** Impervious gloves when working with concentrate. **Eye Protection:** Chemical safety goggles when working with concentrate. **Other Protective Clothing or Equipment:** Impervious to water and alkaline liquid where concentrate is a concern. **Work/Hygienic Practices:** Wash hands thoroughly after handling.

Section Nine Physical/Chemical Properties

Boiling Point	>200° F	pH(concentrate) 8 – 9	Color White emulsion
Specific Gravity	1.04	Odor Non-objectionable odor	Solubility in Water Complete
*Density	8.66 lb/gal.	Vapor Pressure (mm Hg) 17.6	Vapor Density (AIR=1) 1.5
% Volatile by Weight	80 – 83	Evaporation Rate (ethyl ether=1)	Slower than 1

Section Ten **Stability and Reactivity**

Stability: This product is stable at ambient temperatures and atmospheric pressures. It is not self-reactive and has a shelf life of at least two years under sealed conditions. Conditions to avoid are temperatures above 130° F or below 32° F. **Hazardous Decomposition Products:** When exposed to fire, produces normal products of combustion. **Dangerous Polymerization:** Will not occur. **Conditions to avoid:** None known to manufacturer
Incompatibility (Materials to Avoid): Strong oxidizing and strong acids.

Section Eleven **Toxicology Information**

Acute Toxicity: This product has not been evaluated for its acute toxicology profile.
Chronic Toxicity: This product has not been evaluated for its chronic toxicology profile.
Carcinogenicity: This product does not contain a listed carcinogen from NTP, ACGIH, NIOSH or IARC.
Irritation: This product can be expected to be a skin and eye corrosive. No skin sensitization data is currently available.

Section Twelve **Ecology Information**

Ecotoxicity: The ecological toxicity of this product is not known.

Section Thirteen **Disposal Considerations**

Waste Disposal: Wash small quantities down sewer with large amount of water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. Large spills should be picked up with wet vac or absorbent material. Landfill or incinerate solids. Dispose of liquid per local, state, and federal regulations.
NOTE: State and local regulations may be more stringent than Federal regulations.
EPA Hazardous waste number/code: Not listed
Hazardous waste characteristics: **Ignitability** = Not applicable; **Corrosivity** = Yes; **Reactivity** = Not applicable

Section Fourteen **Transport Information**

Applicable regulations: 49 CFR = No; IMCO = No; IATA = No
Proper shipping name: Liquid Floor Wax and Polish; **UN No.:** Not applicable; **Limited Qty.:** Not applicable;
Hazard Class: Not applicable
Labels required: Not required **Exception:** Not applicable
EPA Hazardous waste number/code: Not listed

Section Fifteen **Regulatory Information**

Toxic Substances Control Act (TSCA): All of the components intentionally added to this product are listed on the on the U.S. EPA TSCA inventory.
SARA Title III
Section 302: This product contains the following chemicals subject to SARA 302 reporting: None.
Section 311/312: This product is not classified as an "immediate (acute) health hazard".
Section 313: none

OSHA Hazard Communication Standard (29 CFR 1910.1200): This product is not hazardous by definition of the Hazard Communication Standard.

NPCA Hazardous Material Identification System (HMIS Rating)

Health 0 Flammability 0 Reactivity 0 Personal Protective Eqpt. B
State Regulations

See "Section Two Composition" for listing of hazardous and top five ingredients present in concentration greater than 1%.
California Proposition 65 Components of this product present at a concentration that could require reporting under this statute are: None.

Section Sixteen **Other Information**

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY NATURE ARE MADE WITH RESPECT TO THE PRODUCT(S) OR INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET.

The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. All information contained herein is presented in good faith and is believed to be appropriate and accurate.

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