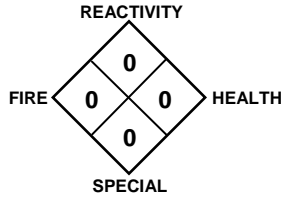


HAZARD RATING:  
 4 - SEVERE  
 3 - SERIOUS  
 2 - MODERATE  
 1 - SLIGHT  
 0 - MINIMAL



# MATERIAL SAFETY DATA SHEET

Product Name: **Armorguard**

Product Number: MASARMOR

## SECTION I: Manufacturer Information

<b>Manufacturer:</b> M.D. Stetson Company, Inc,	<b>Emergency Telephone:</b> 1-800-535-5053
<b>Address:</b> 92 York Avenue	<b>Date Prepared:</b> 11/30/2011
Randolph, MA 02368	<b>Supersedes Date:</b> 07/08/2009
<b>Telephone:</b> 781-986-6161	<b>Prepared by:</b> Gene M. Ricciardelli

## SECTION II: Ingredients/Identity Information

Components	CAS Number	%	OSHA PEL	ACGIH TLV
Acrylic co-polymer	None	12	N/D	N/D
Tri-butoxyethyl phosphate	78-51-3	1.35	5ppm	5ppm
Diethylene glycol methyl ether	111-77-3	5.6	5ppm	5ppm
Dipropylene glycol mono-methyl ether	34590-94-8	3-4	100ppm	100ppm
Polyurethane polymer	None	1-2	N/D	N/D

SARA Section 313 Toxic Chemicals: Glycol Ethers N230

## SECTION III: Physical/Chemical Characteristics

<b>Boiling Point:</b> Variable	<b>Vapor Pressure:</b> ca. 17.5mm @ 68°F
<b>Specific Gravity:</b> 1.031 g/ml	<b>Vapor Density:</b> Greater than 17mm Hg @ 68°F
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate:</b> Like water
<b>Appearance/Odor:</b> Milky white, with acrylic odor.	<b>pH:</b> 8.2-8.9 <b>Volatile Organic:</b> 5.4%

## SECTION IV: Fire and Explosion Hazard Data

<b>Flash Point:</b> 200°F (estimate)	<b>Extinguishing Media:</b> Water-based, will not burn.
<b>Upper Flammable Limits:</b> N/D	<b>Special Fire Fighting Procedures:</b> None
<b>Lower Flammable Limits:</b> N/D	<b>Unusual Fire &amp; Explosion Hazards:</b> None

## SECTION V: Reactivity Data

**Stability:** Stable    **Conditions to Avoid:** Add only water to this product.

**Incompatibility (materials to avoid):** Strong oxidizing agents and acids.

**Hazardous Decomposition or Byproducts:** Thermal decomposition may yield acrylic monomer and carbon monoxide.

**Hazardous Polymerization:** Will not occur    **Conditions to Avoid:** None known

N/A - Not Applicable    N/E - Not Established    N/D - Not Determined    ca. - Approximately

# MATERIAL SAFETY DATA SHEET - Page 2

**Product Name:** *Armorguard*

**Product Number:** MASARMOR

## SECTION VI: Health Hazard Data/First Aid Procedures

**Route(s) of Entry:**                **Eyes**    Yes                **Skin**    Yes                **Ingestion**    Yes                **Inhalation**    Yes

**Health Hazards (Acute and Chronic):** No toxicity data available for this formulation.

**Carcinogenicity:**                **NTP**    No                **IARC Monographs**    No                **OSHA Regulated**    No

**Signs and Symptoms of Exposure**    Eye irritation

**Medical Conditions Generally Aggravated by Exposure:** Existing dermatitis

<b>EMERGENCY FIRST AID PROCEDURES</b>	<b>Eyes:</b>	Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
	<b>Skin:</b>	Flush and wash with warm water. Remove contaminated clothing.
	<b>Ingestion:</b>	Drink 2 glasses (16 oz.) of water. Seek medical attention.
	<b>Inhalation:</b>	Remove to fresh air. Get medical attention if symptoms persist.

## SECTION VII: Precautions for Safe Handling and Use

**Handling and Storage:** Store at ambient room temperature. Keep out of reach of children.

**Release or Spill:** Dike and contain. Collect for disposal.

**Waste Disposal:** Should not be released to environment without chemical treatment by flocculation/precipitation. Dispose materials in accordance with local, state and federal regulations.

## SECTION VIII: Control and Protection Measures

**Respiratory Protection:** None required in well-ventilated areas.

**Ventilation:** None required.

**Protective Gloves:** Rubber gloves recommended.

**Eye Protection:** Wear ANSI approved safety goggles.

**Other Protective Clothing/Equipment:** None required.

**Work/Hygienic Practices:** None required.

## SECTION IX: Transportation (DOT Classification)

**DOT Classification:** Non-hazardous material. Classification not required

**Identification:** None required

**Special Provisions for Transport:** None required

## SECTION X: Other Regulatory Controls

None

N/A - Not Applicable    N/E - Not Established    N/D - Not Determined    ca. - Approximately