

# MATERIAL SAFETY DATA SHEET

(In compliance with OSHA Regulation 29 CFR 1910.1200 - Hazard Communication)

<b>IDENTITY:</b> TopTuff Product No. M1100
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## *SECTION I - Manufacturer / Product Information*

<b>Manufacturer's Name:</b> SealMaster Industries, Inc.	<b>Emergency Telephone No.:</b> Chemtec: 1-800-424-9300
<b>Address:</b> 2520 South Campbell Street Sandusky, Ohio 44870	<b>Telephone Number for Information:</b> 1-419-626-4375
<b>Date Prepared:</b> July 5, 1995	

## *SECTION II - Hazardous Ingredients / Identity Information*

<b>Hazardous Components: Specific Chemical Identity; Common Name, CAS No.</b>	<b>Exposure Limits</b>		<b>Other Limits Recommend.</b>	<b>% (Optional)</b>
	<b>OSHA PEL -(1)</b>	<b>ACGIH TLV -(2)</b>		
Vinyl Acetate Monomer(*) -(3) CAS #108-05-4		10 ppm		0.3-0.7

- (\*) Indicate toxic chemical subject to the reporting requirement of section 313 of SARA Title III and 40 CFR 372 (Code of Federal Regulations). (A chemical or chemical category listed by the EPA is subject to toxic chemical release reporting under the Emergency Planning and Community Right-To-Know Act of 1986.
- (1) (OSHA Permissible Exposure Limit) - These limits express the permissible maximum amount of a chemical to which a person may be exposed. The concentrations listed refer to airborne exposure, as might occur (via mist), which is unlikely to form with this product in view of its properties and intended use.
- (2) (American Conference of Governmental Industrial Hygienists' Threshold Limit Value) - This value is expressed in parts per million. The TLV is the concentration of substance in the air that can be breathed for five consecutive eight hour workdays (40-hour work week) by most people, without harmful effects.
- (3) Formulation contains less than 0.012% residual monomers, and less than 0.002% formaldehyde.

## *SECTION III - Physical / Chemical Characteristics*

<b>Boiling Point:</b> 212 <sup>0</sup> F
<b>Specific Gravity (Water = 1):</b> 1.07 - 1.09
<b>Vapor Pressure (mm Hg):</b> Is nearly equal to that of water.
<b>Melting Point:</b> Not Determined
<b>Vapor Density:</b> 1
<b>Evaporation Rate(Butyl Acetate=1):</b> Essentially the same as water.
<b>Solubility in Water:</b> Easily dispersible in water, in the wet state.
<b>Appearance:</b> Pink liquid
<b>Odor:</b> Slight ammonia odor.

**SECTION IV - Fire and Explosion Hazard Data**

**HMIS Rating:** 1

**Flash Point (Method Used):** Non Combustible

**Flammable Limits in Air:** Not Applicable.

**Extinguishing Media:** Water spray, foam, dry chemical, carbon dioxide.

**Special Fire Fighting Methods:** Full protective equipment, including self-contained breathing apparatus, to be worn.

**Unusual Fire & Explosion Hazards:** Not Applicable.

**SECTION V - Reactivity Data**

**HMIS Rating:** 0

**Stability:** Good storage stability between 5<sup>0</sup> C and 50<sup>0</sup> C.

**Conditions to Avoid:** Keep from freezing and extreme heat.

**Incompatibility (Materials to Avoid):** No hazardous reactions expected under normal industrial conditions. Shocking emulsions with large quantities of chemicals or extreme shear may cause coagulation.

**Hazardous Decomposition or Byproducts:** Combustion may yield carbon monoxide and/or carbon dioxide and traces of monomer, as well as other toxic pyrolysis products.

**Hazardous Polymerization:** Will not occur.

**SECTION VI - Health Hazard Data**

**HMIS Rating:** 1

**Primary Routes of Exposure:**

**Inhalation:** Yes

**Eye Contact:** Yes

**Skin Contact:** No

**Ingestion:** Yes

**Health Hazards ( Acute & Chronic):** No acute or chronic health effects known.

**Signs and Symptoms of Exposure:**

**Eye:** May cause irritation. Direct contact with the liquid or exposure to aerosols may cause burning, tearing, and redness.

**Skin:** Not known to be a skin irritant, however if allowed to remain on skin without rinsing off with water the dried film may cause a slight irritation depending on the method of removal.

**Ingestion:** While this material has a low degree of toxicity, ingestion of excessive quantities may cause irritation of the digestive tract.

**Inhalation:** Breathing high concentrations of vapors or mist of this product may cause nausea and irritation of the nose, throat and respiratory tract. Respiratory symptoms associated with pre-existing lung disorders (E.G., asthma-like conditions ), may be aggravated by exposure to this material.

**Medical Conditions Generally Aggravated by Exposure:** None known.

**Carcinogenicity: National Toxicology Program (NTP):** No

**International Agency for Research on Cancer (IARC) Monographs:** No

**OSHA Regulated:** No

NOTE: Vinyl Acetate Monomer, a residual component of this product, is a possible human cancer hazard based on tests with laboratory animals. Vinyl acetate monomer has not been identified as a carcinogen with NTP, IARC, or OSHA. Total residual monomer content does not exceed 0.5%. Because total formulation contains less than 0.012% residual monomer, this product is potentially non-hazardous.

**Emergency and First Aid Procedures:**

**Inhalation:** First aid not normally required. If breathing difficulties develop remove to fresh air and then SEEK MEDICAL ATTENTION.

**Ingestion:** First aid not normally required. This material has a low degree of toxicity, if large amounts are ingested give no more than 2 glasses of water and induce vomiting with Syrup of Ipecac. Keep head below hips while vomiting to prevent aspiration into lungs.

**Skin Contact:** Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation or redness develops and persists, SEEK MEDICAL ATTENTION.

**Eye Contact:** If irritation from exposure to vapors develops, move victim away from exposure and into fresh air. If irritation persists SEEK MEDICAL ATTENTION. For direct contact, hold eyelids apart and flush with clean water for at least 5 minutes. SEEK MEDICAL ATTENTION.

**SECTION VII - Precautions for Safe Handling and Use**

**Steps To Be Taken In Case Material Is Released Or Spilled:** Spilled or released materials may be absorbed with sand or dirt and then shoveled into approved containers. Prevent spilled material from entering sewers, storm drains, other unauthorized treatment/drainage systems and natural waterways.

**Waste disposal Method:** Dispose of in accordance with Local, State, and Federal regulations.

**Precautions To Be Taken In Handling And Storing:** Keep container closed and upright to prevent leakage. Avoid freezing or temperatures above 50<sup>0</sup>C.

**Other Precautions:** Do not take internally. Keep away from children. Avoid breathing vapors.

***SECTION VIII - Control Measures***

**Respiratory Protection (Specify Type):** None required if good ventilation is maintained. Otherwise use NIOSH approved respirator designed to remove particles and vapor.

**Ventilation: Local Exhaust:** Not normally required.

**Mechanical General:** N/A

**Special:** N/A

**Other:** N/A

**Protective Gloves:** Rubber gloves recommended.

**Eye Protection:** Chemical splash goggles recommended.

**Other Protective Clothing or Equipment:** Long sleeved shirts and long pants recommended.

**Work / Hygienic Practices:** Wash hands before eating or using washroom.

***SECTION IX - Special Precautions***

**Other Precautions:** Do not use this product if rain is imminent or forecast to prevent contamination of runoff water.

***SECTION X - Disclaimer***

All information, recommendations, and suggestions concerning this product are based upon tests, literature references, and/or calculations, believed to be reliable. The manufacturer makes no guarantee, expressed or implied, as to the affect of use, or the safety and toxicity of the product. The information contained in this sheet cannot be taken as the sum total of all protective measures to be taken.