



14805 49th Street North • Clearwater, FL 33762  
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# BIO TIN PLUS

## MATERIAL SAFETY DATA SHEET

EMERGENCY TELEPHONE NUMBERS: 800-528-0997  
813-523-8053

REVIEW/UPDATE: \_\_/\_\_/\_\_ BY: \_\_\_\_\_

### SECTION ONE - PRODUCT DESCRIPTION

NAME: SEA HAWK BIOTIN ANTI FOULING COATING 1300 SERIES  
CHEMICAL DESCRIPTION: Tin Methacrylate Paint

### SECTION TWO - HAZARDOUS INGREDIENTS

CHEMICAL	%	CAS NO.	TLV	PEL	SARA 302	SARA 313	CERCLA RQ#	CARCINOGEN Y/N			NOTE
								NTP	IARC	OSHA	
Tributyltin Methacrylate	15.6%	2155-70-6	0.1mg/m3	0.1mg/m3	N	N	N	N	N	N	(1)
Xylene	35.3%	1330-20-7	100ppm	100ppm	N	Y	Y	N	N	N	(1)

### SECTION THREE - PHYSICAL DATA

APPEARANCE: Liquid, ODOR: Solvent, BOILING POINT: 308°F,  
VAPOR PRESSURE: (mm of Hg.): 3@77°F, VAPOR DENSITY: Heavier than air  
SPECIFIC GRAVITY (Water = 1): 1.50, VOLATILE BY WEIGHT: 35.3%  
SOLUBILITY IN WATER: None, EVAPORATION RATE: Slower than ether

### SECTION FOUR - FIRE AND EXPLOSION DATA

FLASH POINT [Closed Cup]: 79°F FLAMMABLE LIMIT: LEL 1.1 - UEL 6.6

EXTINGUISHER MEDIA: Carbon Dioxide, Water fog

SPECIAL FIRE FIGHTING PROCEDURES

Fire fighter must wear self contained breathing apparatus or air masks.  
Containers exposed to fire should be kept cool with water vapor.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

### SECTION FIVE - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See section two

EFFECTS OF OVEREXPOSURE:

**Inhalation:** (ACUTE) Harmful if inhaled. May affect the brain, nervous or respiratory system, causing dizziness, headache, nausea or respiratory irritation. Overexposure can cause liver or kidney damage and CNS depression.

**Skin Contact:** Irritating upon repeated and prolonged contact.

**Eye Contact:** Eye irritation, redness, tearing

**NOTICE:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**EMERGENCY & FIRST AID PROCEDURES:**

**Inhalation:** Move subject to fresh air. If breathing is difficult, have trained person give oxygen if necessary, consult physician. If breathing has stopped, immediately give C.P.R., oxygen and obtain medical assistance.

**Eye/skin Contact:** Flush eyes with large amounts of water for at least 15 minutes - see a physician if irritation persists. Wash Affected skin area with soap and water.

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**SECTION SIX - PHYSICAL HAZARDS (REACTIVITY DATA)**

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**STABILITY:** STABLE      **CONDITIONS TO AVOID IF UNSTABLE:** N/A

**INCOMPATIBILITY WITH OTHER MATERIALS:** Strong oxidizers, acids, alkalies

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide, smoke

**HAZARDOUS POLYMERIZATION:** Will not occur.      **CONDITIONS TO AVOID UNCONTROLLED POLYMERIZATION:** N/A

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**SECTION SEVEN - STORAGE, HANDLING, SPILL AND DISPOSAL PROCEDURES**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store below 100°F/38°C and in accordance with NFPA code. Keep away from sparks or flame while stored, during use and until all vapors have dissipated. Extinguish pilot lights and all other sources of ignition. Keep area well ventilated. Use respirator if engineering controls are not adequate to maintain mist, vapor or dust below applicable standards.

**STEPS TO FOLLOW IF MATERIAL IS SPILLED OR RELEASED:** Remove all sources of ignition. Ventilate area. Use inert absorbent to collect residue, place in proper container, and dispose of properly. Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Test for ignitability to determine applicable EPA hazardous waste numbers. See section two.

**WASTE DISPOSAL METHODS:** Incinerate in approved facility in accordance with all applicable regulations. Do not incinerate closed container. Avoid discharge into natural waters.

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**SECTION EIGHT - PERSONAL PROTECTION INFORMATION**

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**RESPIRATORY PROTECTION:** Wear Respirator (MSHA/NIOSH) suitable for concentration and types of contaminants.

**VENTILATION:**              Local      ☒      Other  
   Mechanical      ☒

**PROTECTIVE GLOVES:** Impervious - Rubber, neoprene.

**EYE PROTECTION:** Chemical splash goggles (ANSI Z-87.1)

**OTHER PROTECTIVE EQUIPMENT:** None

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**SECTION NINE - SPECIAL PRECAUTIONS**

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None

**OTHER PRECAUTIONS:** Keep away from children, pets, livestock and foodstuffs. Not recommended for interior use.

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**SECTION TEN - OTHER REGULATORY INFORMATION**

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**CALIFORNIA PROPOSITION 65 CHEMICALS:** This product contains substances which are known to the State of California to cause cancer and/or birth defects or other reproductive harm.

**TSCA CERTIFICATION:** All chemicals in this product are listed, or exempt from listing, on the TSCA Inventory.

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user. All materials present unknown health hazards and should be used with caution. Although certain hazards are described herein, the manufacturer and its agents cannot guarantee that these are the only hazards which exist. Further, the manufacturer and its agents assume no responsibility for personal injury or property damage to vendors, users, or third parties caused by this material. User assumes all risks associated with the use of this material.

(1) Abbreviations: N/E - Not Established, Supp. Conf. - Supplier Confidential, N/A - Not Applicable, ppm - Parts Per Million  
mg/m3 - Milligrams Per Cubic Meter, N - No, Y - Yes