bioMET* 410 MARINE ANTIFOULANT

FOR THE MANUFACTURE OF PAINTS—FOR THE CONTROL OF MANY MARINE FOULING ORGANISMS
FOR USE IN MANUFACTURING OTHER ECONOMIC POISONS

M&T CHEMICALS INC.
SUBSIDIARY OF AMERICAN CAN COMPANY

GENERAL OFFICES **RAHWAY, N. J.**

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ACTIVE INGREDIENTS		
tributyltin fluoride	48.76%	Min.
2-ethylamino-4-isopropylamino-6-methylthio-s-triazine and related compounds	17.65%	
INERT INGREDIENTS	33.59%	Max.
Total...	100.00%	

DANGER! Keep Out of Reach of Children
Causes Severe Eye Damage
May Be Fatal if Swallowed
May Cause Skin Irritation

Do not get in eyes, on skin, or on clothing. Wear goggles or face shield when handling. Avoid exposure to dust.

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get prompt medical attention, wash skin with plenty of soap and water. Wash contaminated clothing before re-use.

Do not contaminate water by cleaning of equipment, or disposal of wastes. Do not re-use empty container. Destroy it by perforating or crushing. Bury or discard in a safe place.

FOR MANUFACTURING USE ONLY

Read Technical Data Bulletin About This Product Prior to Use.

EPA Reg. No. 5204-52

No. 79

Made in U.S.A

M&T T.M.

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bioMeT* 410 MARINE ANTIFOULANT

GENERAL DESCRIPTION

[illegible] M&T [illegible] Marine Antifoulant is a new antifouling [illegible] containing [illegible] organotin compound tributyltin [illegible] blend with synergistic compounds. [illegible] bioMeT [illegible] Marine Antifoulant is a highly active mixture designed for protection of ship-bottoms against marine algae as well as other fouling organisms, such as barnacles, tube worms, hydroids, tunicates and bryozoans. This fouling protection has been demonstrated by testing such coatings in the severe algae fouling waters of South Florida.

bioMeT 410 Marine Antifoulant also contains an inert filler that allows for easier handling and minimized dusting for this type of material. The filler also aids performance in that it helps provide the film with ability for optimum toxicant release.

In addition to superior and consistent performance, [illegible] this antifoulant offers other advantages in that they are economically competitive, can be incorporated easily into the paint system, eliminate galvanic corrosion [illegible] steel and aluminum hulls that is caused by use of copper [illegible], allows for a wide range of colors, and will provide [illegible] properties as compared with copper systems.

PHYSICAL PROPERTIES

[illegible]	White powder
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

SUGGESTED FORMULATIONS

[illegible] presented here are designed for optimum toxicant release in the marine environment when [illegible] standards. Test results indicate [illegible] beyond that [illegible] available [illegible] M&T [illegible].

[illegible] levels of the resins and [illegible]. Other parameters such as solvents [illegible] blend may be modified [illegible] volume is kept at recommended levels.

Use of bioMeT 410 Marine Antifoulant is not limited to these systems. Other formulations including evaluation of bioMeT 410 Marine Antifoulant in other resin systems may be designed and tested.

Formulation

Vinyl/Rosin Antifouling Paint Based on bioMeT 410 Marine Antifoulant

Mill Paste	*Lb.*	*Gals*
Red Iron Oxide	[illegible]	.56
Talc	10.65	.45
bioMeT 410 Marine Antifoulant	23.03	1.73
Vinyl Resin VAGH	8.49	.75
WW Rosin	5.65	.63
Methylisobutyl Ketone	[illegible]	2.14
Xylene	[illegible]	1.80
Bentone 27 } Prewet	.48	.03
Methanol 95 }	.24	.02
Reduction		
Methylisobutyl Ketone	[illegible]	[illegible]
Xylene	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Directions

[illegible]

Physical Constants

Viscosity	[illegible]
Weight per gallon	[illegible]
Solids, wt. [illegible]	[illegible]
Solids by volume	[illegible]

*[illegible] M&T [illegible]

M&T CHEMICALS INC.
[illegible] AMERICAN CAN COMPANY
GENERAL [illegible] RAHWAY, NEW JERSEY [illegible]

[illegible]

Application

1. All [illegible] primed as [illegible]
2. For metal surfaces wash primers and appropriate [illegible] should be used.
3. Application [illegible] protection.

TOXICOLOGY — INDUSTRIAL HYGIENE

bioMeT [illegible] Marine Antifoulant is extremely hazardous to the eyes. Upon contact it may cause damage if not treated promptly. It is advisable to avoid contact with the eyes. This material is toxic by ingestion and care must be taken to avoid accidental swallowing. It is advisable to prevent skin contamination with bioMeT 110 Marine Antifoulant because of the possible transfer to more sensitive areas of the body. Inhalation of the dust should be avoided.

Paints containing bioMeT 110 Marine Antifoulant are hazardous to the eyes. It is advisable to avoid eye contact especially from splashing while applying paint. Goggles with side [illegible] are recommended while [illegible] should be [illegible] prevent accidental swallowing.

Th[illegible] should be [illegible] avoid skin contact.

SUGGESTED FIRST AID

Contamination [illegible] the eyes should be [illegible] immediately by flushing [illegible] with water for fifteen minutes. Preferably a gentle continuously flowing stream of water should be [illegible] the open eye held open if necessary. A physician should be consulted. In the case of accidental swallowing, obtain medical help immediately. In the event of external body contact with bioMeT 110 Marine Antifoulant or vinyl paints containing it, the area should be washed thoroughly with soap and water followed by a thorough rinsing with water. Contaminated clothing should be removed and washed with soap and water before reuse.

Care should be exercised to prevent the spreading of bioMeT 110 Marine Antifoulant or vinyl paint containing it to the eyes, nose and mouth.

For Industrial Use Only