

MATERIAL SAFETY DATA SHEET - 8 Point

SECTION 1 – PRODUCT INFORMATION

Mascoat Products
10890 Alcott Unit 102
Houston, TX 77043

Emergency phone: (713) 465-0304
Fax: (713) 465-0302
Date Reviewed: Sept 2004

Product Name: Delta T Marine Gen 2 Thermal Insulation
Product ID: DTM 2
Common Chemical Name: Acrylic Insulation Emulsion
Synonyms: None
Molecular Formula: Mixture

Thermal Insulating Material	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
Personnel Protection	G
Eye protection Gloves Dust mask	

SECTION 2 – HAZARDOUS INGREDIENTS DETERMINED BY OSHA

<u>Cas Number</u>	<u>Ingredients</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
	NONE			

SECTION 3 – PHYSICAL PROPERTIES

Color :	White	Form/Appearance:	Thick emulsion
Odor:	Slight ammonia		mixture
Boiling Point:	No boiling point	Melting Point:	N/A
Freeze Point	32°F (0°C)	Evaporation Rate (Butyl Ace =1):	<1
Specific Gravity:	0.56	Solubility in H2O:	Dilutable
Pounds/Gallon:	4.8-4.9	Volume Solids:	80%
Non Volatile Solids:	65%	VOC Content:	Less than 14 grams/liter

SECTION 4 – FIRE FIGHTING MEASURES

Flash Point: Noncombustible

Auto ignition: N/A

Extinguished Media: (for dried film) carbon dioxide, dry chemical, or alcohol foam.

Special Fire Fighting Procedures: Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure buildup.

Unusual Fire and Explosion: Product will not burn but may spatter if temperature exceeds boiling point. Extreme heat may cause closed containers to burst. Dried film of product is capable of burning giving off oxides of carbon/nitrogen.

SECTION 5 – REACTIVITY DATA

Stability Data: Stable

Incompatibility: Solvents will coagulate the product.

Conditions or Hazards to Avoid: Extreme temperatures above 500°F (260°C)

Hazardous Decomposition: Hazardous polymerization will not occur.

Corrosive Properties: Not corrosive

Oxidizer Properties: Not an oxidizer

Chloride Properties: None

SECTION 6 – HEALTH HAZARD AND FIRST AID DATA

Routes of entry: skin-possible ingestion-possible inhalation-possible

Health Hazards Acute - In a confined area vapors in high concentration can bother some personnel. Extended periods of exposure with PP may result in health concerns.

Carcinogenicity: N/A

SECTION 6 – HEALTH HAZARD AND FIRST AID DATA (cont)

First aid procedure: **Eye exposure** - flush eyes with water immediately. Get immediate medical attention.
Skin contact - wash area with soap and water. If redness persists, seek medical attention
Ingestion – If swallowed, dilute with water. DO NOT INDUCE VOMITING. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.
Inhalation – Move to fresh air. Aid in breathing if needed and get immediate medical attention.
Notes to Physicians – none known.
Aggravated Medical Attention – No data is available at this time which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to the effects of overexposure section for effects (if any) observed in animals.
Special Precautions – No

SECTION 7 – ACCIDENTAL RELEASE MEASURES

Steps if material is released: Spills should be contained and placed in suitable containers for disposal by a licensed facility.
Waste Disposal Methods: Waste from this material is not hazardous as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed containers. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.
Precaution in handling and storage: Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using. Protect against dust which may be generated by sanding or abrading the dried film.
Other Precautions: Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. *Keep out of reach of children.*
General: Protect from freezing.
Other: Keep out of direct sunlight in storage area

SECTION 8 – PERSONNEL PROTECTION

Clothing: Gloves, coveralls, apron, and boots necessary to prevent contact.
Respiratory Protection: Ventilation and dust mask recommended during application. If sprayed in confined area respiratory equipment is recommended due to slight ammonia odor.
Ventilation: Local exhaust - *preferable* Mechanical (gen) - *acceptable*
Protective Gloves: Preferred.
Eye Protection: Spectacles with unperforated sideshields.
Other Protective Equipment: None needed

OTHER

Special Handling: **DO NOT LET PRODUCT FREEZE.**
Hazardous ratings: Mascoat Products currently uses the National Paint and Coatings Association rating system. The use of an asterisk (*) in the HMIS rating indicates the potential for chronic health effects

HMIS:	Health	Fire	Reactivity	Special
	1	0	0	0

Hazardous rating OSHA: **The product is considered NON HAZRDOUS by the OSHA Hazard Communication Standard.**

Trademark: Delta T Marine Thermal Insulating Coating is a registered trademark of Mascoat Product, Houston, TX USA.

Important: While descriptions, designs, data and other information contained herein are presented in good faith and believed to be accurate, it is provided for guidance only. Many factors may influence the processing or application/use, Mascoat recommends that tests are made for the suitability for the product in the intended purpose. The intended use of this document is for health and handling procedures and not intended for an ingredients list for reformulation.

Shipping: This product is acceptable for shipment as non-hazardous via motor, air or ocean freight without any specialized handling. (Class 55).