

## MATERIAL SAFETY DATA SHEET - 8 Point

### SECTION 1 – PRODUCT INFORMATION

**Mascoat Products**  
Houston, TX 77041

**Emergency phone:** (713) 465-0304  
**Fax:** (713) 465-0302  
**Date Reviewed:** Jan. 2009

**Product Name:** Delta T Industrial Gen 2 Thermal Insulation  
**Product ID:** DTI 2  
**Common Chemical Name:** Acrylic Insulation Coating  
**Synonyms:** None  
**Molecular Formula:** Mixture

#### Thermal Insulating Material

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>
<b>Personnel Protection</b> <b>G</b>	
Eye protection	
Gloves	
Dust mask	

### SECTION 2 – HAZARDOUS INGREDIENTS DETERMINED BY OSHA by PERCENTAGE

<u>Cas Number</u>	<u>Ingredients</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
This product does not contain any hazardous ingredients in reportable quantities.				

### SECTION 3 – PHYSICAL PROPERTIES

<b>Color:</b>	White, LtGry, Gry	<b>Form/Appearance:</b>	Thick emulsion mixture
<b>Odor:</b>	Slight ammonia	<b>Melting Point:</b>	N/A
<b>Boiling Point:</b>	Approx. 212°F	<b>Evaporation Rate (Butyl Ace =1):</b>	<1
<b>Freeze Point</b>	32°F (0°C)	<b>Solubility in H2O:</b>	Dilutable
<b>Specific Gravity:</b>	0.63	<b>Volume Solids:</b>	78-80%
<b>Pounds/Gallon:</b>	5.2-5.3	<b>VOC Content:</b>	0.06 lbs/gallon
<b>Non Volatile Solids (weight):</b>	53.0%		

### SECTION 4 – FIRE FIGHTING MEASURES

**Flash Point:** Noncombustible

**Auto ignition:** N/A

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

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

**Unusual Fire and Explosion:** Liquid 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 200°F (93°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 to personnel. Extended periods of exposure without recommended PP may result in health issues or people susceptible to acrylic allergies.

**Carcinogenicity:** N/A

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

<b>First aid procedure:</b>	<p><b>Eye exposure</b> - flush eyes with water immediately. Get immediate medical attention.</p> <p><b>Skin contact</b> - wash area with soap and water. If redness persists, seek medical attention</p> <p><b>Ingestion</b> – 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.</p> <p><b>Inhalation</b> – Move to fresh air. Aid in breathing if needed and get immediate medical attention.</p> <p><b>Notes to Physicians</b> – none known.</p> <p><b>Aggravated Medical Attention</b> – 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.</p> <p><b>Special Precautions</b> – No</p>
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**SECTION 7 – ACCIDENTAL RELEASE MEASURES**

<b>Steps if material is released:</b>	Spills should be contained and placed in suitable containers for disposal by a licensed facility.
<b>Waste Disposal Methods:</b>	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.
<b>Precaution in handling and storage:</b>	Use only with adequate ventilation. Avoid breathing vapor directly and spray mist directly. Avoid direct contact with eyes. Wash hands after using. Protect against dust which may be generated by sanding or abrading the dried film.
<b>Other Procedures:</b>	Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. <i>Keep out of reach of children.</i>
<b>General:</b>	Protect from freezing.
<b>Other:</b>	Keep out of direct sunlight in storage area

**SECTION 8 – PERSONNEL PROTECTION**

<b>Clothing:</b>	Gloves, coveralls, apron, and boots as per any acrylic based system to prevent chronic overexposure.
<b>Respiratory Protection:</b>	Ventilation and dust mask recommended during application. If sprayed in confined area respiratory equipment may be preferred due to slight ammonia odor and to help drying process.
<b>Ventilation:</b>	Local exhaust - <i>preferable</i> Mechanical (gen) - <i>acceptable</i>
<b>Protective Gloves:</b>	Preferred.
<b>Eye Protection:</b>	Spectacles with unperforated sideshields.
<b>Other Protective Equipment:</b>	None needed.

**OTHER**

<b>Special Handling:</b>	<b>DO NOT LET PRODUCT FREEZE.</b>								
<b>Hazardous ratings:</b>	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								
<b>HMIS:</b>	<table> <tr> <td><b>Health</b></td> <td><b>Fire</b></td> <td><b>Reactivity</b></td> <td><b>Special</b></td> </tr> <tr> <td><b>1</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> </tr> </table>	<b>Health</b>	<b>Fire</b>	<b>Reactivity</b>	<b>Special</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
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<b>Hazardous rating OSHA:</b>	<b>The product is considered NON HAZARDOUS by the OSHA Hazard Communication Standard.</b>								
<b>Trademark:</b>	Delta T Industrial <sup>2</sup> Thermal Insulating Coating is a registered trademark of Mascoat Products, Houston, TX USA.								
<b>Important:</b>	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.								
<b>Shipping:</b>	This product is acceptable for shipment as non-hazardous via motor, air or ocean freight without any specialized handling. (Class 55).								