

MATERIAL SAFETY DATA SHEET - 8 Point

SECTION 1 – PRODUCT INFORMATION

Mascoat
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Date Reviewed: September 2010

Product Name: Mascoat Industrial-DTI
Product ID: MI-DTI
Common Chemical Name: Acrylic Insulation Coating
Synonyms: None
Molecular Formula: Mixture

Thermal Insulating Material

HEALTH	1
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FLAMMABILITY	0
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PHYSICAL HAZARD	0
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Personnel Protection	G
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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>
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This product does not contain any hazardous ingredients in reportable quantities

SECTION 3 – PHYSICAL PROPERTIES

Color:	White, grey, black, tan. Custom tints on request	Form/Appearance:	Thick emulsion mixture
Odor:	Slight ammonia	Melting Point:	N/A
Boiling Point:	Appx. 212°F (100°C)	Evaporation Rate (Butyl Ace =1):	<1
Freeze Point:	32°F (0°C)	Solubility in H₂O:	Dilutable
Specific Gravity:	0.63	Volume Solids:	78-80%
Pounds/Gallon:	5.2–5.3 lbs/gallon	VOC Content:	0.06 lbs/gallon (7.6 g/liter)
Non Volatile Solids (weight):	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 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 to personnel. Extended periods of exposure without recommended PPE may result in health issues or people susceptible to acrylic allergies.
Carcinogenicity: N/A

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. Aide in breathing if needed and get immediate medical attention.
Notes to Physicians – None known
Medical Conditions Aggravated by Exposure- None known
Special Precautions – None

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.

Precaution in handling and storage: 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.

Other Procedures: 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 as per any acrylic based system to prevent chronic overexposure.

Respiratory Protection: 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.

Ventilation: Local exhaust - *preferable* Mechanical (general) - *acceptable*

Protective Gloves: Preferred

Eye Protection: Spectacles with unperforated side-shields.

Other Protective Equipment: None needed

OTHER

Special Handling: **DO NOT LET PRODUCT FREEZE.**

Hazardous ratings: Mascoat 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	Physical Hazard
1	0	0

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

Trademark: Mascoat® is a registered trademark of Mascorp, Ltd. - Houston, TX.

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. Because many factors may influence the processing or application/use, Mascoat recommends that tests are made for the suitability of 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.