

MATERIAL SAFETY DATA SHEET

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MANUS-BOND
67-A (ALL COLORS)

SECTION 1 - GENERAL INFORMATION

Manufacturer: Manus Products, Inc.
866 Industrial Blvd. West
Waconia, MN 55387

Telephone: 612-442-3323
Chemtree: 800-424-9300

Revision Date: 11/27/00

SECTION 2 - HAZARDOUS INGREDIENTS/REGULATORY DATA

Hazardous Component	OSHA PEL	ACGIH TLV	%	CAS NO.
Benzyl Ester	5	5	< 10	85-68-7
Calcium Carbonate (Except Clear)	15	10	< 50	7317-65-3
Titanium Dioxide (Except Clear)	10	10	< 2	13463-67

DOT LABELING REQUIREMENTS: Not Regulated.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: Over 300 F
Specific Gravity (H₂O=1): 1.69
Vapor Pressure (mm Hg): Less than 11
Vapor Density (Air=1): Heavier
Solubility in Water: Soluble
Reactivity in Water: None
Appearance & Odor: Paste with Acrylic Latex odor.
Melting Point: Over 400 F

SECTION 4 - FIRE EXPLOSION DATA

Flash Point: Over 200 F (TOC)
Flammable Limits (%V in air): LEL lower 1 UEL upper 6
Auto Ignition Temperature: Not applicable.
Extinguisher Media: Dry chemical, water, CO₂, Foam
Special Fire Fighting Procedures: Self-contained breathing apparatus, protective gear.
Unusual Fire & Explosion Hazards: Irritating/toxic gases may be produced during burning.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Protect from freezing.
Incompatibility: None known.
Hazardous Decomposition Products: Those normally associated with burning organics.
Hazardous Polymerization: Will not occur.

SECTION 6 - HEALTH HAZARDS

Acute: Slight.
Chronic:
Signs & Symptoms of Exposure: Headache, dizziness, nausea, nose irritation.
Medical Conditions Generally

Aggravated by Exposure: None known.
 Carcinogen/Possible Carcinogen: NTP-No IARC-No OSHA-No
 Emergency/First Air Procedures: Get medical attention immediately. If vomiting occurs, keep victim's head below their hips to avoid getting vomitus into their lungs.
 Inhalation: If drowsy or headache, seek fresh air. Administer oxygen if necessary.
 Eyes: Flush eyes with water until irritation is removed.
 Skin: Wash exposed areas with soap & water.
 Ingestion: Do not induce vomiting. Call local poison control.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions To Be Taken in
 Handling and Storage: Store between 40 F & 120 F. Do not freeze.
 Other Precautions: Keep out reach of children. Do not ingest.
 Steps To Be Taken in Case Material
 is Released or Spilled: Clean up with floor absorbent and tools. Wash spilled area with soap & water. Do not allow product to enter streams, lakes or other waterways.
 Waste Disposal Method: Dispose after drying according to local, state and federal regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection: If TLV is exceeded use organic canisters and filter for vapors & dusts.
 Ventilation: Mechanical.
 Protective Gloves: Impermeable
 Eye Protection: Protective eye wear.
 Other Protective Clothing: Wear coveralls to protect skin.
 Work/Hygienic Practices: Use with adequate ventilation. Wash skin and hands after use.

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