



**CORPORATE HEADQUARTERS &
RESEARCH AND DEVELOPMENT CENTER**
10095 Queens Way
Chagrin Falls, OH 44023
(440) 543-7526 • Fax (440)543-4691

MANUFACTURING LOCATIONS
Chagrin Falls, Ohio
Cuba, Missouri
Dublin, Virginia

MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL IDENTIFICATION AND INFORMATION	
MANUFACTURER'S NAME: Mar-Bal, Inc	EMERGENCY TELEPHONE NO. (440) 543-7526 (440) 543-4691 FAX
ADDRESS: 10095 Queens Way Chagrin Falls, OH 44023-5495	PRODUCT NAMES: Fiberglass Reinforced Polyester Molded Parts. MB1000-PC, MB1000-10, MB1000-15, MB1000-20, MB1000-25, MB2000-5, MB2000-10, MB2000-15, MB2000-20, MB2000-25, MB2000-30, MB2000-8, MB3000-15, MB3000-25, MB3000-15NY, MB3000-20NY, MB4000, MB5500, MB7500-20, MB9000-5, MB10,000-45 (3-87-5)
CHEMICAL NAME: Polymerized Unsaturated Polyester Resin, Mineral & Glass Filled	
CHEMICAL FAMILY: Unsaturated Polyester / Styrene, Thermosetting, Mineral Filled, Fiberglass Reinforced, Unsaturated Polyester	File Name: MSDS Mar-Bal Molded Part. Revision: Jan 2, 2014

SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION				
Components – Chemical Name & Common Names	OSHA PEL	ACGIH TLV	Weight %	CAS#
Polymerized Polyester Matrix			55-90	
Glass Fiber, Fiberglass	15mg/m ³ (total) 5mg/m ³ (resp)	1 f/cc 5mg/m ³	8-40	65997-17-3

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS			
Boiling Point:	N/A	Specific Gravity ($H_2O=1$):	1.7-2.2
Vapor Pressure (<i>mm Hg</i>):	N/A	Melting Point:	N/A
Vapor Density (<i>Air=1</i>):	N/A	Evaporation Rate (<i>Butyl Acetate=1</i>):	N/A
Solubility in Water:	N/A		
Appearance & Odor: Can be any size and shape. No noticeable odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (<i>Method Used</i>):	N/A	Flammable Limits	LEL: N/A UEL: N/A
Extinguishing Media:	Water, Carbon Dioxide, Foam, Dry Chemical – Same as wood fire.		
Special Fire Fighting Procedures:	Protective Clothing, Self Contained MSHA/NIOSH Approved Breathing Apparatus. Do Not Breathe Fumes.		
Unusual Fire and Explosive Hazards:	None		



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SECTION V - REACTIVITY DATA	
Stability: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions To Avoid: N/A
Incompatibility (<i>Materials to Avoid</i>):	Strong Oxidizing and Reducing Agents and Strong Acids and Alkalies.
Hazardous Decomposition or Byproducts:	May Produce Dense Smoke, Oxides of Carbon.
Hazardous Polymerization: <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions To Avoid: N/A

SECTION VI – HEALTH HAZARD DATA	
Route(s) of Entry: <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Ingestion <input type="checkbox"/> Not Hazardous
Carcinogenicity: <input type="checkbox"/> NTP <input type="checkbox"/> IARC Monographs	<input type="checkbox"/> OSHA <input checked="" type="checkbox"/> Not Listed
Health Hazards	(<i>Acute</i>) Dust and Particulate Matter May Cause Irritation to Eyes, Skin, and Mouth. (<i>Chronic</i>) Prolonged Contact With Dust and Particulate Matter May Cause Dermatitis.
Signs and Symptoms of Exposure:	To Dust and Particulate Matter - Redness, Itch, Trouble Breathing
Medical Conditions Generally Aggravated by Exposure:	None
EMERGENCY AND FIRST AID PROCEDURES:	
Eye Contact:	Flush With Water For At Least 20 minutes
Skin Contact:	Wash Area With Mild Soap And Water. Not Know To Be Absorbed Through Skin.
Inhalation:	Remove To Fresh Air. If Severe, Oxygen Or CPR May Be Administered.
Ingestion:	Give Two Large Glasses Of Water.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps to Be Taken in Case Material is Released or Spilled:	Product Is Not Classified As Hazardous By The EPA. However, Dispose In Appropriate Containers.
Waste Disposal Method:	It Is The Users Responsibility To Dispose Of Product According To Federal And State Regulations.
Precautions to Be taken in Handling and Storage:	Store Away From Incompatible Material Cited In Section V.
Other Precautions:	May Cause Dust Upon Cutting Or Grinding.

SECTION VIII – CONTROL MEASURES	
Respiratory Protection (<i>Specify Type</i>):	Dust Mask – NIOSH/MSHA Respirators Under Specific Conditions.
Ventilation: <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical (General)	<input type="checkbox"/> Special <input checked="" type="checkbox"/> Other <u>Ventilation Type Is Determined By Exposure</u>
Protective Gloves: Polymeric or Cloth	Eye Protection: Safety Glasses With Side Shields
Other Protective Clothing or Equipment:	Apron Or Other Body Covering
Work/Hygienic Practices:	The Need For Local Ventilation

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