

# MATERIAL SAFETY DATA SHEET

## I. General Information

**Trade Name:** Seal Bond 88  
**CAS Number:** Mixture  
**Product Class:** Adhesive  
**Manufacturer's Name:** Michigan Adhesive Manufacturing, Inc. 8555 Silver Creek Rd Whitehall, MI 49461 (231)893-7325

## II. Hazardous Components

Principle Hazardous Components	CAS #	Percentage
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No hazardous components known at this time. All components of this mixture are listed on the TSCA inventory.

**Additional Information:** Section 313 Supplier Notification: This product may contain toxic chemicals subject to the reporting requirement of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and CFR 372 (Noted by the \$ symbol).

**Caution:** This product may become a dust nuisance when removed by sanding, abrading, or sandblasting. Dust masks should be worn during these operations.

## III. Physical Data

**Form:** Viscous Liquid  
**Appearance/Color:** Black, White, Gray  
**PH Value:** Not Applicable  
**Boiling Range:** N/A  
**Vapor Pressure (mmHg.):** N/A  
**Melting Point:** N/A  
**Evaporation Rate:** N/A  
**Vapor Density (Air = 1):** N/A  
**Partition Coefficient:** N/A  
**Percent Volatile Weight:** 0%  
**Percent Volatile:** 0%  
**Specific Gravity:** 1.3-1.5  
**VOC:** 0.00 lbs./gal  
**Molecular Weight:** N/A  
**Heavy Elements (ppm):** 0

## IV. Fire & Explosion Hazard Data

**Flammability Class:** IIIB

**Flash Point:** >200DegF 0.xF (-17.78xC) Setoff flash

**Extinguishing Media:** Water: Fog (x) Foam: (x) CO<sub>2</sub>: (x) Dry Chemical: (x) Use water for cooling material stored in vicinity of fire.

**Special Fire Fighting Procedures:** Material is not classified as flammable but will burn if preheated or ignited. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus.

**Unusual Fire & Explosion Hazards:** During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

## V. Health Hazard Data

**Permissible Exposure Level:** Refer to Section II

**Effects of Overexposure:**

**Eyes:** Can cause redness, irritation, swelling and blurred vision.  
**Skin:** Prolonged or repeated contact can cause slight irritation, or dermatitis.  
**Breathing:** Not normally affected.  
**Swallowing:** Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

**First Aid:**

**Eyes:** Flush with large amounts of water.  
**Skin:** Wash thoroughly with soap and water.  
**Swallowing:** The decision to induce vomiting or not must be made by a physician after careful consideration of all materials ingested.

## VI. Reactivity Data

**Stability:** This product is stable.  
**Incompatibility:** None  
**Hazardous Polymerization:** Will not occur.  
**Hazardous Decomposition Products:** May form carbon monoxide and dioxide, various hydrocarbons, etc.  
**Conditions to Avoid:** Open flame

## VII. Environmental Protection Procedures

**Spill or Leak Response:**

?? Dike area of spill to prevent spreading  
?? Pump liquid into salvage tank  
?? Remaining liquid may be taken up with sand, floor absorbent or other absorbent material and shoveled into containers  
?? Prevent run-off to sewers and bodies of water  
?? Notify proper authorities as required by local, state, and federal regulations

**Waste Disposal Method:** Dispose of according to local, state, and federal regulations.

**FOLLOW ALL LOCAL, STATE AND FEDERAL INFORMATION AND REGULATIONS**

## VIII. Special Protection Information

**Occupational Exposure Limits:** ACGIH TLV ACGIH TLV-C ACGIH STEL OSHA STEL OSHA PEL

**Eye Protection:** Chemical resistant, splash-proof goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other types of safety glasses. (Consult your safety equipment supplier).

**Respiratory Protection:** Not normally required

**Protective Gloves:** Not normally required

**Other Protective Equipment:** Wear protective clothing to minimize contact with skin.

**Ventilation:** General Ventilation

## IX. Special Precautions

**Handling & Storage Information:** Do not drop containers. Keep from freezing. Keep away from open flames and high temperatures. Handle in accordance with the hazard potential of curing agent(s) used. Caution: May cause irritation. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. Launder contaminated clothing before reuse.

**Other Precautions:** The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

## X. Other Regulatory Information

**SARA TITLE III, SECT. 313:** Not Listed

**HMIS:** Health: 1 Flammability: 1 Reactivity: 1PPI: H

In accordance with good practices of personal hygiene, handle with due care and avoid any unnecessary contact with this product. This information is being supplied under OSHA "Right to Know" Regulation 29 CFR 1910.1200 and is offered in good faith as typical values and not as product specification. The information is believed to be true and accurate. No warranty, expressed or implied, regarding the accuracy of this data, the hazard connected with use of the material, or the results to be obtained from the use thereof, is made. Michigan Adhesive Manufacturing Inc. and its suppliers assume no responsibility for damage or injury from the use of the product described herein.