

Manniglas® 1900 Manniglas® 2000

Preparation Date: 01/20/03

**MATERIAL SAFETY DATA SHEET****1. Product and Company Information**

**Product Name:** Manniglas® 1900 and Manniglas® 2000  
**Generic Name:** Glass Fiber Nonwoven

**Manufacturer/Supplier:** 1 Green Island, New York  
**Address:** 68 George Street  
 Green Island, New York 12183

**General Assistance:** 1-800-441-2466 1-518-273-6320 Fax: 1-518-273-6361

**2. Composition / Information on Ingredients**

Ingredient	CAS Number Limits	% Weight	Exposure
Chopped continuous strand fiberglass m <sup>3</sup>	65997-17-3	90 - 95 %	10 mg/ (>5 micron in diameter)
Polyvinyl Alcohol	9002-89-5	3 - 10%	none estimated
Hydrocarbon Binder	25951-70-6	0 - 4%	none estimated

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

**3. Hazards Identification****Emergency Overview:****CAUTION**

White colored fibrous non woven

This product will not support combustion. This product contains glass fibers and a small amount of polymeric binder. Breathing dust generated during cutting or other processing may cause respiratory irritation.

**Acute Health Effects:**

**Eye Contact:** Dust from product may cause irritation.

**Skin Contact:** Prolonged contact with dust from this product may cause irritation and possible rash.

**Inhalation:** Inhalation of excessive concentrations of dust may cause respiratory irritation.

**Ingestion:** Swallowing dust may cause gastrointestinal irritation.

**Carcinogenicity:** The National Toxicology Program (NTP) **has not** classified continuous strand fiberglass as a carcinogenic to humans.

The International Agency for Research on Cancer (IARC) classified continuous strand fiberglass as Group 3, non-carcinogenic to humans

**Medical Conditions Aggravated by Exposure:** Persons with pre-existing skin and respiratory disorders may be at an increased risk from exposure.

See Toxicological Information - Section 11

**4. First Aid Measures**

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**Eye:** Do not rub eyes. Flush Immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. If irritation persists or for foreign body in the eye, get immediate medical attention.

**Skin:** Wash area of contact gently with soap and water. Launder contaminated clothing before reuse. Get medical attention if irritation persists.

**Inhalation:** If symptoms develop, remove person from source of exposure to fresh air. Get immediate medical attention if irritation persists.

**Ingestion:** Get medical attention for substantial ingestions or if symptoms develop.

## 5. Firefighting Measures

**Flashpoint:** 450°F

**Autoignition Temperature:** Not Applicable

**Lower Flammability Limit:** Not Applicable

**Upper Flammability Limit:** Not Applicable

**Extinguishing Media:** Use dry chemical, foam, carbon dioxide or water spray.

**Special Fire Fighting Procedures:** Avoid breathing combustion products from initial burn-off of organic binder.

**Unusual Fire and Explosion Hazards:** The organic binder may burn-off at high temperatures, however, this material will not support combustion.

**Combustion Products:** Combustion products from organic binder may include carbon monoxide, carbon dioxide, and various hydrocarbons.

## 6: Accidental Release Measures

Pick up large pieces. Use vacuum to clean up any dust. Wet dust with water where sweeping is necessary. Personal safety and exposure recommendations described elsewhere in this data sheet apply to exposure during clean up of spilled material. Refer to Section 15 for Release Reporting information, if applicable.

## 7. Handling and Storage

**Handling:** Avoid contact with the eyes and skin. Avoid generating and breathing dust. Use with adequate local exhaust ventilation and dust collection to maintain the concentration or airborne dust below the exposure limits. Wear a respirator approved for nuisance dust if dust is generated during use, handling, storage or disposal of this product. Follow good housekeeping to prevent accumulation of dust on floors, sills, machinery, equipment or overhead structures. Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust and clean equipment. Wear protective clothing to minimize skin contact. Remove contaminated clothing and clean before reuse. Wash thoroughly after work using soap and water.

**Storage:** Keep product dry.

## 8. Exposure Controls / Personal Protection

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**Engineering Controls:** Local exhaust ventilation may be necessary during fabrication to maintain concentrations of air contaminants below their exposure limits. Provide local exhaust for volatile chemical compounds if potential for decomposition exists during handling.

## **Personal Protective Equipment (PPE)**

**Eye Protection:** Wear safety glasses or dust goggles.

**Skin Protection:** Avoid unnecessary skin contact with this material. Wear long-sleeved clothing and gloves when handling.

**Respiratory Protection:** . If the concentrations exceed the Threshold Value Limit (TLV), a NIOSH approved high efficiency air-purifying respirator is recommended. Select appropriate respiratory protection for respirable particulates based on consideration of the airborne workplace concentrations and duration of exposure. Select and use respirators in accordance with 29 CFR 1910.134, ANSI Z88.2, the NIOSH Respirator Decision Logic and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

## **9. Physical and Chemical Properties**

**Boiling Point:** Not Applicable

**Melting Point:** 1200°F

**Vapor Pressure:** Not Applicable

**Vapor Density (Air=1):** Not Applicable

**% Solubility in Water:** Insoluble

**Specific Gravity:** 0.20

**% Volatile:** Not Applicable

**Evaporation Rate (Butyl Acetate=1):** Not Applicable

**pH:** Not Applicable

**Octanol/Water Partition Coefficient:** Not Applicable

**Odor/Appearance:** White Bonded Fiberglass

## **10. Stability and Reactivity**

**Stability:** Material is stable.

**Incompatibility:** Strong acids

**Hazardous Reactions-Decomposition Products:** None known. Combustion products from organic binder may include carbon monoxide, carbon dioxide, nitrogen oxides and various hydrocarbons.

**Hazardous Polymerization:** Will not occur.

## **11. Toxicological Information**

No acute toxicity data is available for this product or its components.

## **12. Ecological Information**

No ecotoxicity data is available. This product is not anticipated to have an adverse effect on the environment.

## **13. Disposal Considerations**

Landfill in compliance with all applicable Federal, state and local regulations.

## **14. Transport Information**

### **U.S. Department of Transportation (DOT)**

**Proper Shipping Name:** Not Regulated

**Hazard Class:** Not applicable

**UN/NA Code:** Not applicable

Packing Group: Not applicable

**15. Regulatory Information**

**U.S. Regulations**

**Comprehensive Environmental Response and Liability Act of 1980 (CERCLA) Reportable Quantity:**

This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**Toxic Substances Control Act (TSCA):** All components of this product are listed on the TSCA inventory.

**Superfund Amendments and Reauthorization Act (SARA) Title III Information:**

**SARA Section 311/312 Hazard Categories:** None

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313: None

**California Proposition 65:**

This product may contain the following chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm:

	CAS Number
Formaldehyde	50-00-0
Acetaldehyde	75-07-0

**16. Other Information**

**NFPA Ratings:**

Health: 1                      Flammability: 1                      Reactivity: 0

**HMIS Ratings:**

Health: 1                      Flammability: 1                      Reactivity: 0

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