

# Safety Data Sheet

## AMI-GLAS® GL, SERIES: RED, ORANGE, BLUE, BLACK (EXCEPT TAPES), AND GOLD

1 | Page

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<u>Trade Names/Synonyms:</u>	Colored AMI-GLAS®/Woven fiber glass in various forms - cloth, tapes, etc. <b>(EXCEPT BLACK TAPES)</b>
<u>Product Identification:</u>	GL, red, orange, blue, black, and gold <b>(EXCEPT BLACK TAPES)</b>
<u>Chemical Name/Synonyms:</u>	Continuous filament fiber glass, dyed or pigmented /fibrous glass, glass fibers, dyed or pigmented. <b>(EXCEPT BLACK TAPES)</b>
<u>Manufacturer's Name:</u>	Auburn Manufacturing, Inc P. O. Box 220 Mechanic Falls, ME 04256 1-800-264-6689

### 2. HAZARDS IDENTIFICATION

OSHA HCS Status: Product is not a hazardous chemical as defined by OSHA Standard 29CFR 1910.1200



#### Precautionary Statements:

- P281: Wear personal protective equipment as required
- P302: If on skin, wash with mild soap and running water
- P304: If inhaled, move individual to fresh air. Seek medical attention if irritation persists
- P305: If in eyes, flush eyes at least 15 minutes; seek medical attention if irritation persists

Hazard Statements: N/A

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Abstracts Service Number: 65997-17-3 (Fiberglass substrate)

# Safety Data Sheet

## AMI-GLAS® GL, SERIES: RED, ORANGE, BLUE, BLACK (EXCEPT TAPES), AND GOLD

### 3. COMPOSITION / INFORMATION ON INGREDIENTS (CON'T)

<u>Hazardous Ingredients</u>	<u>Weight %</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>OTHER</u>
Fiberglass, continuous filament	≥ 89.5	a.	5 mg/ m <sup>3</sup> . 8-hr TWA	3 x 10 <sup>6</sup> fibers/m <sup>3</sup> 10-hr TWA (NIOSH)
Carbon Black (Black only)	< 1.5%	3.5 mg/m <sup>3</sup>	3.0 mg/m <sup>3</sup> (IHL)	3.5 mg/m <sup>3</sup> (NIOSH)

<u>Nonhazardous Ingredients</u>	<u>Weight %</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>OTHER</u>
Pigment Blue 15 Copper compound  <b>(BLUE ONLY)</b>	≤ 0.25	-----none established-----		
Sizing	≤ 3.5	-----none established-----		
Pigments/Dyes	≤ 2.0	-----none established-----		
Binder for pigments/ dyes	≤ 5.0	-----none established-----		

a. OSHA has not established a specific PEL for fibrous glass. It is considered to be a "particulate not otherwise regulated" (PNOR) and is covered under the OSHA nuisance dust PEL's of 5 mg/m<sup>3</sup> for the respirable dust fraction and 15 mg/m<sup>3</sup> for the total dust fraction for an 8-hr TWA (Time Weighted Average).

### 4. FIRST AID MEASURES

- Inhalation: Move individual to fresh air. Seek medical attention if irritation persists.
- Skin Contact: Wash with mild soap and running water. Use a washcloth to help remove fibers. To avoid further irritation do not rub or scratch irritated areas. Rubbing or scratching may force fibers into the skin. Seek medical attention if irritation persists.
- Eye Contact: Flush eyes with flowing water for at least 15 minutes. Seek medical attention if irritation persists.
- Ingestion: N. A. (Not Applicable)

# Safety Data Sheet

**AMI-GLAS® GL, SERIES: RED, ORANGE, BLUE, BLACK (EXCEPT TAPES), AND GOLD**

3 | Page

## 5. FIRE FIGHTING MEASURES

Extinguishing Equipment: Water, foam, carbon dioxide, dry chemical

Special Fire-Fighting Instructions: In a sustained fire, self contained breathing apparatus should be worn.

Unusual Fire and Explosion Hazards: None known.

## 6. ACCIDENTAL RELEASE MEASURES

ACTION TO TAKE FOR SPILLS ( Use Appropriate Safety Equipment/PPE):  
For solid product, not applicable.  
For dusts and fibers generated during fabrication, vacuum and containerize.

## 7. HANDLING, STORAGE AND DISPOSAL

Handling: See Section 8.

Storage: No special precautions necessary.

Disposal: Dispose in accordance with federal, state and local regulations as a solid nonhazardous waste.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: General dilution ventilation and/or local exhaust ventilation should be provided, as necessary, to maintain exposures below PEL's or TLV's. **Adequate ventilation must be provided at elevated temperatures.**

Respiratory Protection: A properly fitted NIOSH/MHSA approved disposable dust respirator such as the 3M model 8210 or model 9900 (in high humidity environments) or equivalent should be used when: high dust levels are encountered; the level of glass fibers in the air exceeds the OSHA permissible exposure limits; or if irritation occurs. Use respiratory protection in accordance with your company's respiratory protection program and OSHA regulations under 29 CFR 1910.134.

Eye Protection: Safety glasses, goggles or face shields should be worn whenever fiberglass materials are being handled.

# Safety Data Sheet

## AMI-GLAS<sup>®</sup> GL, SERIES: RED, ORANGE, BLUE, BLACK (EXCEPT TAPES), AND GOLD

4 | Page

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (CON'T)

Protective Clothing: Wear loose fitting, long sleeved shirt that covers to the base of the neck, and long pants. Skin irritation from exposure to fiberglass is known to occur chiefly at pressure points such as around the neck, wrist and waist. Wear gloves when handling product.

Work/Hygienic Practices: Handle in accordance with good industrial hygiene and safety practices:

- = Avoid unnecessary exposure to dusts and fibers
- = Remove fibers from skin after exposure
- = Be careful not to rub or scratch irritated areas. Rubbing or scratching may force the fibers into the skin. The fibers should be washed off. Use of barrier creams can, in some instances, be helpful.
- = Use vacuum equipment to remove fibers and dusts from clothing. **COMPRESSED AIR SHOULD NEVER BE USED.** Always wash work clothes separately and wipe out the washer/sink in order to prevent loose glass fibers from getting on other clothes.
- = Keep the work area clean of any dusts and fibers generated during fabrication. Use vacuum equipment to clean up dusts and fibers. Avoid sweeping or using compressed air as these techniques resuspend dusts and fibers into the air.
- = Have access to safety showers and eye wash fountains.
- = For professional use only. **Keep out of children's reach.**

Exposure Limits (TLVS):

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point (Softening): 800°C      Boiling Point(°C): N/A (Not Applicable)

Specific Gravity (Bare Glass): 2.59      Percent Volatile: N/A

Vapor Pressure: (mm Hg): N/A      Vapor Density (Air = 1): N/A

Evaporative Rate (Ethyl Ether = 1): N/A      Solubility in Water: Not soluble

Appearance and Odor: Red, orange, blue, black, gold, tan, maroon or green colored solid with no odor.



# Safety Data Sheet

## AMI-GLAS® GL, SERIES: RED, ORANGE, BLUE, BLACK (EXCEPT TAPES), AND GOLD

6 | Page

### 11. TOXICOLOGICAL INFORMATION (CON'T)

Eye Contact: Eye contact with fibers and dusts may produce temporary mechanical irritation.

Ingestion: Temporary mechanical irritation of the digestive tract. Observe individual. If symptoms develop, consult a physician.

CHRONIC: See carcinogenicity section below. There are no known health effects associated with chronic exposure to this product.

#### CARCINOGENICITY:

Hazardous Ingredients: Listed as carcinogen by: ACGIH IARC NTP OSHA

Fiberglass continuous filament No No\* No No

\*IARC: In June, 1987 the International Agency for Research on Cancer (IARC) categorized fiberglass continuous filaments as not classifiable with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify fiberglass continuous filaments as a possible, probable, or confirmed cancer causing material.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Persons with a history of chronic respiratory or skin conditions that are aggravated by mechanical irritants may be at increased risk for worsening their condition from exposure during use of the product.

### 12. ECOLOGICAL INFORMATION

N/A

### 13. DISPOSAL CONSIDERATIONS

See Section 8 (if applicable)

### 14. TRANSPORT INFORMATION

N/A

### 15. REGULATORY INFORMATION

N/A

# Safety Data Sheet

**AMI-GLAS® GL, SERIES: RED, ORANGE, BLUE, BLACK (EXCEPT TAPES), AND GOLD**

7 | Page

## 16. OTHER INFORMATION

SDS Date prepared  
Reviewed for content & accuracy

May 23, 2014  
September 10, 2020

To the best of our knowledge, the information contained herein is accurate. The information provided is based upon data furnished by our suppliers. However, neither Auburn Manufacturing, Inc. nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. While believed to be reliable, the information or products are intended for use by skilled persons at their own risk. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.