MATERIAL SAFETY DATA SHEET

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed.

1. PRODUCT AND COMPANYIDENTIFICATION

1.1. Product Identifier

Tradename: **MODELING GLASS LIQUID MEDIUM**

1.2. Identified uses / uses advised against

Identified uses: When combined with frit and/or powdered glass when mixing Modeling Glass, improves consistency and texture of the finished mixture.

1.3. Supplier details:

Company /Address : Glass Bird Studios, PO Box 53582, Albuquerque, NM 87153

Website: www.modelingglass.com

Email: glassbirdstudios@gmail.com

Telephone: 505-459-9828

1.4 Emergency contact: Glass Bird Studios, 505-459-9828

2. HAZARDS IDENTIFICATION:

2.1. Classification of substance or mixture

Classification according to Regulation (EC) No.1272/2008 [CLP]: Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC: Not classified

2.2. Label elements:

NFPA Code: Health-0, Flammability-1, Reactivity-0 HMIS Code: Health-0, Flammability-1, Reactivity-0

2.3. Other hazards: These substances/mixtures do not meet the PBT/vPvB criteria of REACH, annex XIII. Prolonged/repetitive skin contact may cause dermatitis; ingestion may have laxative effect. Eye contact with propylene glycol may cause slight, temporary irritation. Prolonged skin contact is unlikely to result in absorption of harmful amounts. At room temperature, exposure to vapor is minimal due to low volatility.

3. INGREDIENTS

Propylene Glycol

Water

Proprietary Polyglycol

4. FIRST AID MEASURES

4.1. General information:

Eye: In case of eye contact, immediately flush eyes with cool water for at least 20 minutes, retracting eyelids often. Obtain emergency medical information if pain, blinking, tears or redness persists.

Skin: Wash exposed area of skin with water. If burned by contact with hot material, cool material as quickly as possible with water. See a physician for burn treatment, irritation or allergic reaction.

Ingestion: Material is of sufficiently low toxicity that induction of vomiting isn't necessary.

Inhalation: Remove to fresh air. If unconscious, seek medical attention.

4.2. Most important symptoms and effects, acute and delayed:

Symptoms/injuries: No negative effects when used as directed. Prolonged/repetitive skin contact may cause dermatitis in some.

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5. FIRE FIGHTING MEASURES

5.1. *Extinguishing media:* Dry chemical, carbon dioxide, foam, steam or water fog. Agents approved for Class B hazards.

Unsuitable extinguishing media: Water streams will scatter liquid and spread fire, but may be used to keep fire-exposed containers and surroundings cool.

Fire hazard: Mild fire hazard when heated above its flash point; material must be preheated before ignition will occur (OSHA Class IIIB). Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide. Use adequate ventilation in kiln area during burn-off (up to 1000 degrees F.)

6. ACCIDENTAL RELEASE MEASURES

6.1. *Environmental precautions* Prevent spills from entering sewers and public waters.

6.2. Containment / Cleanup

Containment: Dike around spill; use oil-absorbent materials such as sand or soil.

Cleanup: Remove mechanically or contain on an absorbent material such as dry sand or earth and dispose of in accordance with current applicable regulations

7. HANDLING AND STORAGE

7.1. *Handling* No special requirements are required.

7.2. *Storage* Store in a cool, well-ventilated area in sealed containers Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible material

7.3. *Environmental controls* : Avoid release to the environment.

7.4. Use adequate ventilation in kiln area during burn-off (up to 1000 degrees F.)

8. CHEMICAL AND PHYSICAL PROPERTIES

8.1. Basic physical and chemical properties

Appearance / Odor :	Purple viscous liquid / Little to odorless
pH:	Not determined
Vapor Pressure:	N/A
Vapor Density (Air=1):	N/A
Boiling Point :	369°F (187°C)
Melting Point:	N/A
Solubility :	Soluble in water
Specific Gravity (Water=1):	1.035 - 1.037 @ 25°C/25°C (77°F)
Pour Point:	N/A
Flash Point / Method:	N/A
Autoignition temperature:	N/A

9. STABILITY AND REACTIVITY

10.1. *Reactivity :* Unknown

10.2. *Chemical Stability :* Stable

10.3. *Hazardous reactions :* None

10.4. *Conditions to avoid :* Contact with chlorine, fluorine, and other strong oxidizers and acids

10.5. *Incompatible materials :* Chlorine, fluorine, and other strong oxidizers and acids

10.6. *Hazardous decomposition products:* Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Aldehydes. Alcohols. Ethers. Organic acids.

10. TOXICOLOGICAL INFORMATION (for straight propylene glycol)

10.1. *Routes of entry:* Absorbed through skin and eye contact.

10.2. Toxicity:

Dermal (rabbits): LD_{50} 20.8 g/kg
Oral (rabbits): LD_{50} 15.7 - 19.2 g/kg
Inhalation (rabbits): LD_{50} 65.8 ppm/8 hours
Eye Irritation (rabbits): Slight
Skin Irritation (rabbits) : None
Skin sensitization (human): Slight
Carcinogenicity: Testing not conducted.
Other toxicity data: Prolonged contact is essentially nonirritating to skin. Repeated contact may cause flaking and softening of skin.

11. ECOLOGICAL INFORMATION

11.1. *Toxicity* See 12.7. provided to us.
11.2. *Persistence / degradability* No data available
11.3. *Bioaccumulation potential* No data available
11.4. *Mobility in soil* No data available
11.5. *PBT / vPvB assessment* No data available
11.6. *Other adverse effects* No data available
11.7. *Other information* It has the following properties: a high biochemical oxygen demand and a potential to cause oxygen depletion in aqueous systems, a low potential to affect aquatic organisms, a low potential to persist in the environment and a low potential to bio-concentrate. It is expected to have the following properties: a low potential to affect secondary waste treatment microbial respiration, a low potential to affect secondary waste treatment microbial metabolism, a low potential to affect the germination and/or early growth of some plants, a low potential to affect the growth of some plant seedlings, a high potential to biodegrade (low persistence) with microorganisms from activated sludge. After dilution with a large amount of water, followed by secondary waste treatment, this material is not expected to cause adverse environmental effects.

12. TRANSPORTATION INFORMATION

12.1. *General Information :* Not regulated by U.S. DOT, Canadian TODG, IMO/IMDG, ICAO/IATA, ADR/RID

13. OTHER INFORMATION

This material safety data sheet and the information it contains are offered to you in good faith as accurate. We have reviewed any information contained in this data sheet, which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.