

SAFETY DATA SHEET – PEARL GLUE

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Product Name / Code:	Pearl Glue / ADH096
REACH Key Notes:	N/A
Application of Substance:	Traditionally used for sticking canvas to flat frames.
Company:	Flints Theatrical Chandlers Ltd Unit 9 Deptford Trading Estate Blackhorse Road SE8 5HY
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Telephone operated from 08:30 – 17:30 Monday to Friday, 09:00 – 14:00 Saturday.
In an emergency, seek advice from a medical professional.

2. HAZARDS IDENTIFICATION

No special hazards for human beings or the environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Light brown or brown granules or powder. The main ingredient is gluten. Gluten is a protein which belongs to scleroproteins. It also contains non-hazardous additives in very small concentrations.

Hazardous Ingredients: None

4. FIRST AID MEASURES

If inhaled:	If used according to directions, there will be no development of harmful fumes.
In case of skin contact:	Without burning (scalding) for hygienic reasons, we recommend washing the affected area with water and soap. In the case of a burn proceed as when treating a burn caused by harmless fluids.
In case of eye contact:	Rinse open eye immediately with plenty of water. Seek medical advice.
If swallowed:	Ingestion of large amounts can cause health problems. Seek medical advice.
Directions for medics:	The main ingredients are readily digestible or inert.

5. FIRE FIGHTING MEASURES

Directions: The preparation has self-extinguishing properties and does not pose a fire hazard.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	The solid preparation does not pose any handling hazards in the delivery state and at ambient temperature. However it is intended for use in water-based preparation at 55°C. Therefore avoid skin and eye contact of the molten preparation.
Environmental precautions:	The preparation is solid at ambient temperatures. In this state no special environmental protection measures have to be taken.
Additional directions:	The preparation shows moisture expansion in cold water. In warm water (>35°C) it dissolves. It readily degrades in adapted biological purification plants.

7. HANDLING AND STORAGE

Advice on safe handling:	No special directions.
Fire and explosion protection:	No fire or explosion hazard.
Storage conditions:	Store in a cool and dry place for best storage stability.
Storage classification:	Non-hazardous material.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Eye / face protection:	Use of protective goggles is recommended when directly handling the preparation in the molten water-based preparation.
Skin protection:	Use of protective gloves, for example thermally-insulated rubber gloves, is recommended when directly handling the preparation in the molten water-based preparation.
Body protection:	Recommend covering the body to prevent burns from splashes of molten preparation.
Respiratory protection:	Use of dust respirator is recommended when dust develops.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Granules or coarse powder.
Colour:	Light brown to brown.
Odour:	Typical/mild.
pH:	5.5-7.5 (at 60°C in 12.5% solution).
Flash point:	200°C
Change of state solid/fluid:	Carbonisation at temperatures >200°C.
Flammability (solid, gas):	Self-extinguishing.
Density:	0.5-0.8 g/m ³ at room temperature (20°C).
Water solubility:	Unlimited miscibility (Insoluble in organic solvents and grease).
Viscosity:	Solid material.

MSDS Sheet: ADH096 – PEARL GLUE

Date: 10/05/2019

Version: 1

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None known.
Conditions to avoid:	Long-term exposure to temperatures above 55°C will lead to thermal degradation of the gluten molecule without dangerous reactions in the water-based preparation.
Incompatible materials:	None known.
Hazardous decomposition products:	None known.
Other information:	Heating up to 200-300°C will cause carbonisation and puff-up of the preparation. After removing the heating source the preparation shows self-extinguishing properties.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	No ingredients with compulsory identification.
Skin corrosion/irritation:	No effects known.
Eye irritation:	No effects known.
Respiratory or skin sensitization:	No effects known.

12. ECOLOGICAL INFORMATION

Persistence and degradability:	According to our experience completely biodegradable.
Bio accumulative potential:	No data available
AOX-related directions:	Contains negligibly small amounts of halogen-organic compounds.
Aquatic toxicity:	No data available

Formulations contain neither heavy metals nor heavy metal compounds, and comply with EN 71-3 (Safety of toys, Part 3: Migration of specific elements).

13. DISPOSAL INFORMATION

The preparation is degradable and compostable, washing water may be discharged to communal purification plant.

Waste code number under European Catalogue of Wastes: 080403.

Wastes of water-miscible adhesives and packing compound (not subject to monitoring).

14. TRANSPORT INFORMATION

Non-hazardous goods.

15. REGULATORY INFORMATION

Water hazard class:	1, self-classification.
Chemical Safety Assessment:	No data available.

No compulsory identification under EC directives and national regulations.

MSDS Sheet: ADH096 - PEARL GLUE
Date: 10/05/2019
Version: 1

16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. 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 that exist.

This data sheet is provided under CLP and REACH Regulation and is not intended to constitute an assessment of work place risk associated with product(s) used as required under any other Health and Safety Regulation.

Date of Issue: 10/05/2019

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