



GILDERS SPECIALTY PRODUCTS

SAFETY DATA SHEET

Published Date

Revision Date
September 26-2026

Revision Number
1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product code

GCG Series

Product name

Glue Chipping Glue

Product category

Gilding Adhesive

Other means of identification

Synonyms

None

Recommended use of the chemical and restrictions on use

Recommended use

Protein (animal glue) adhesive for glue-chipping decorative glass and gilding work. Dissolved in hot water before use.

Details of the supplier of the safety data sheet

UNITED STATES

Gilders Specialty Products
60480 Christy Lane
Angie, La 70426
Tel: **1-800-531-3359**

www.gildersspecialtyproducts.com

Emergency telephone number

USA: Chemtrec: +001-800-424-9300
Outside USA: Chemtrec: +001-703-527-3887
24 Hour Emergency Phone Number

2. HAZARDS IDENTIFICATION

Classification

Not classified as hazardous.

Label elements

No hazard pictograms required.

Signal Word

None

Signal Word(s): None. Hazard Symbol(s): None. Hazard statement(s): None. Precautionary statement(s): None required. Note: Hot solutions can cause thermal burns. Dust may cause mechanical irritation to eyes, nose and throat. Good hygiene practice is recommended.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Single-substance product: animal glue (gelatin). No hazardous ingredients.

Component	CAS-No	Weight %	Trade Secret	Note
Gelatin (animal glue; de-polymerized collagen)	9000-70-8	100		

4. FIRST AID MEASURES

Description of first aid measures

General Advice

Show this safety data sheet to the doctor in attendance.

Eye Contact

Rinse with water for several minutes. Remove contact lenses if present and easy to do.

Skin Contact

No adverse effects expected from the solid. Hot solutions can cause thermal burns - cool with cold water and seek medical attention for serious burns.

Inhalation

Not an expected route of exposure for granules. If dust is inhaled, move to fresh air.

Ingestion

Protein material; no adverse effects expected. Rinse mouth and drink water.

Most important symptoms and effects, both acute and delayed

None known for the solid. Hot solutions can cause thermal burns. Dust may cause mild mechanical irritation of eyes, nose and throat.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray, foam, dry chemical powder, carbon dioxide.

Specific Hazards Arising from the Chemical

Not classified as a combustible solid, but the material will char if involved in a fire, releasing typical carbon oxides and smoke, leaving only a residual ash. Glue dust dispersed in air may form explosive mixtures.

Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus if large quantities are involved in a fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

No special precautions required. Avoid raising dust.

Environmental precautions

No special environmental precautions required. Biodegradable natural protein.

Methods and material for containment and cleaning up

Sweep up and place in a suitable container for disposal or reuse. Wash area with hot water.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling

Handle in accordance with good hygiene practice. Avoid generating dust. Use caution with hot solutions - risk of thermal burns. Wash hands after handling.

Conditions for safe storage, including any incompatibilities

Storage

Store in a cool, dry place in tightly closed containers. Protect from moisture. Keep out of the reach of children.

Incompatible Products

Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits

Component	ACGIH TLV	OSHA PEL
Gelatin (animal glue) 9000-70-8	Not established	Not established (PNOR: 15 mg/m ³ total dust, 5 mg/m ³ respirable)

Appropriate engineering controls

Engineering Measures

Provide a good standard of general ventilation. None required for normal use.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Not required; wear safety glasses if dust is generated or when handling hot solutions.

Skin Protection

Not required for the solid; wear heat-resistant gloves when handling hot solutions.

Respiratory Protection

Not required for granules; wear a dust mask if dust is generated.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid (granules)	Appearance	Tan to light yellow granular solid
Odor	Low odor	Odor Threshold	No information available
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Approx. 4.5 - 6.5 (aqueous solution)		
Melting Point / Freezing Point	Chars/decomposes at approx. 260 - 270 °C (no sharp melting)		

	point)
Boiling Point / Boiling Range	No data available
Flash Point	260 - 270 °C - decomposition / evolved gas flammable
Evaporation rate	Not applicable
Flammability Limit in Air	
Upper flammability limit	No data available
Lower flammability limit	No data available
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Specific Gravity	1.27
Water Solubility	Soluble in all proportions (hot water)
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition temperature	Approx. 260 - 270 °C (chars)
Kinematic viscosity	Not applicable
Dynamic viscosity	Not applicable
Explosive Properties	Glue dust dispersed in air may form explosive mixtures
Oxidizing Properties	No data available

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reactions known under normal conditions.

Chemical stability

Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions

None known.

Conditions to avoid

Open flame and extreme heat (material chars and disintegrates).

Incompatible materials

Strong oxidizing agents.

Hazardous Decomposition Products

None under normal conditions; chars with emission of smoke when exposed to open flame or extreme heat.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	Not an expected route of exposure for granules.
Eye Contact	Dust may cause mild mechanical irritation.
Skin Contact	No adverse effects expected from the solid; hot solutions can cause thermal burns.
Ingestion	Protein material; no adverse effects expected.

Information on toxicological effects**Symptoms**

None known for the solid. Hot solutions can cause thermal burns. Dust may cause mild mechanical irritation of eyes, nose and throat.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Acute toxicity**

Not classified - natural protein, non-toxic by ingestion, inhalation and skin contact.

Skin corrosion/irritation

Not classified.

Eye damage/irritation

Not classified (dust may cause mild mechanical irritation).

Sensitization

Not classified.

Mutagenic Effects

Not classified.

Carcinogenic effects

Not classified; gelatin is not listed as a carcinogen by OSHA, IARC or NTP.

Reproductive Effects

Not classified.

STOT - single exposure

Not classified.

STOT - repeated exposure

Not classified.

Aspiration hazard

Not classified.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Not classified as hazardous to the aquatic environment.

Persistence and Degradability

Readily biodegradable - natural protein.

Bioaccumulation

Not expected to bioaccumulate.

Other adverse effects

Do not discharge large quantities into waterways without checking local requirements.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Waste Disposal Methods**

Dispose of in accordance with all applicable federal, state and local regulations. Animal glue is biodegradable and may be disposed of with normal refuse.

Contaminated Packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION**Note:**

This information is not intended to convey all specific transportation requirements relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation information can be found in the specific regulations for your mode of transportation. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

This material is not regulated as a dangerous good under DOT, IATA or IMDG. No UN number, hazard class or packing group is assigned.

15. REGULATORY INFORMATION**International Inventories**

Gelatin (CAS 9000-70-8) is listed on the TSCA Inventory. For further information, please contact:.. Supplier (manufacturer/importer/downstream user/distributor).

U.S. Federal Regulations**OSHA**

Not classified as hazardous under 29 CFR 1910.1200 (HazCom 2012).

SARA Title III

Not listed as an extremely hazardous substance.

California Prop. 65

This product is not known to contain chemicals listed as causing cancer or reproductive harm.

16. OTHER INFORMATION**HMIS:**

Health	Flammability	Reactivity	Personal Protection
1	1	0	X

Key or legend to abbreviations and acronyms used in the safety data sheet**Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average)

STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

Revision Date September 26-2026

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet