



GILDERS SPECIALTY PRODUCTS

SAFETY DATA SHEET

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

Product identifier

Product code

SJG Series

Product name

Shell and Jewel Glass Inlay Glue

Product category

UV-Curing Adhesive

Other means of identification

Synonyms

None

Recommended use of the chemical and restrictions on use

Recommended use

One-part ultraviolet-curing adhesive for bonding glass, shell, jewels and similar decorative inlays.

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

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2A - (H319)

Label elements



Signal Word

Warning**Hazard Statements**

H315 - Causes skin irritation

H319 - Causes serious eye irritation

Precautionary Statements

P261 - Avoid breathing vapours

P280 - Wear protective gloves, eye protection and face protection

P302+P352 - IF ON SKIN: Wash with plenty of soap and water

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing

P332+P313 - If skin irritation occurs: Get medical advice

P337+P313 - If eye irritation persists: Get medical advice

P403 - Store in a well-ventilated place

3. COMPOSITION/INFORMATION ON INGREDIENTS**Mixture**

Proprietary one-part ultraviolet-curing adhesive. Contains no solvents. Exact formulation withheld as a trade secret.

Component	CAS-No	Weight %	Trade Secret	Note
Modified aliphatic acrylated urethane (proprietary)	—	*	*	
Acrylate monomers (proprietary)	—	*	*	

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**Description of first aid measures****General Advice**

Show this safety data sheet to the doctor in attendance.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. If eye irritation persists, get medical attention.

Skin Contact

Wash with plenty of soap and water. Remove contaminated clothing. If skin irritation occurs, get medical advice.

Inhalation

Move victim to fresh air. Get medical attention if symptoms persist.

Ingestion

Rinse mouth. Do NOT induce vomiting. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Causes skin irritation. Causes serious eye irritation.

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 flammable. Combustion may produce oxides of carbon and nitrogen and irritating fumes.

Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus and full protective clothing if large quantities are involved in a fire.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Avoid contact with skin and eyes. Avoid breathing vapours. Wear protective gloves and eye protection. Avoid exposing uncured adhesive to direct sunlight or UV light.

Environmental precautions

Prevent entry into drains and waterways.

Methods and material for containment and cleaning up

Contain spill with inert absorbent material (sand, earth, vermiculite). Collect in suitable closed containers for disposal. Cure collected adhesive with UV light where practical before disposal.

7. HANDLING AND STORAGE**Precautions for safe handling****Handling**

Avoid contact with skin and eyes. Avoid breathing vapours. Avoid exposing uncured adhesive to direct sunlight or UV lamps during handling. Do not wear contact lenses when handling. Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities**Storage**

Store in a cool, dry, well-ventilated place in tightly closed opaque containers. Protect from direct sunlight and UV light - the adhesive cures on exposure to long-wave UV (320-380 nm). Keep out of the reach of children.

Incompatible Products

Strong oxidizing agents. UV light sources (causes curing).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure limits**

Component	ACGIH TLV	OSHA PEL
Proprietary acrylated urethane blend	Not established	Not established

Appropriate engineering controls**Engineering Measures**

Provide a good standard of general ventilation.

Individual protection measures, such as personal protective equipment**Eye/Face Protection**

Wear safety goggles or face shield. Ensure that eyewash stations and safety showers are close to the workstation location.

Skin Protection

Wear chemical-resistant gloves (e.g. nitrile) to prevent skin contact.

Respiratory Protection

Not normally required; wear a NIOSH-approved respirator for organic vapours if ventilation is inadequate.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before eating, drinking or smoking. Wash contaminated clothing before reuse. Avoid contact with eyes and skin.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State	Liquid	Appearance	Clear liquid
Odor	Very slight	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting Point / Freezing Point	No data available	
Boiling Point / Boiling Range	No data available	
Flash Point	Over 200 °F (> 93 °C)	
Evaporation rate	No data available	
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor Pressure	No data available	
Vapor Density	No data available	
Specific Gravity	Approx. 1.0 - 1.1	
Water Solubility	Nil (insoluble)	
Solubility in other solvents	No data available	
Partition coefficient: n-octanol/water	No data available	
Autoignition Temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Explosive Properties	No data available	
Oxidizing Properties	No data available	

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions. Cures on exposure to long-wave UV light.

Chemical stability

Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions

Cures on exposure to long-wave UV light (320-380 nm).

Conditions to avoid

Direct sunlight and UV light sources (causes curing of uncured adhesive).

Incompatible materials

Strong oxidizing agents.

Hazardous Decomposition Products

None under normal conditions; combustion produces oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Inhalation	May cause respiratory irritation.
Eye Contact	Causes serious eye irritation.
Skin Contact	Causes skin irritation.
Ingestion	May cause irritation of the mouth and throat.

Information on toxicological effects

Symptoms	Causes skin irritation. Causes serious eye irritation.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity	Not classified.
Skin corrosion/irritation	Causes skin irritation.
Eye damage/irritation	Causes serious eye irritation.
Sensitization	May cause sensitization in susceptible individuals (acrylate components).
Mutagenic Effects	No data available for the mixture.
Carcinogenic effects	None of the components is listed as a carcinogen by OSHA, IARC or NTP.
Reproductive Effects	No data available for the mixture.
STOT - single exposure	No data available for the mixture.
STOT - repeated exposure	No data available for the mixture.
Aspiration hazard	Not classified.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available for the mixture. Avoid release to the aquatic environment.

Persistence and Degradability

Cured adhesive is an inert polymer; not expected to biodegrade rapidly.

Bioaccumulation

No data available for the mixture.

Other adverse effects

Do not allow to enter drains or waterways.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods

Dispose of in accordance with all applicable federal, state and local regulations. Cure unused adhesive with UV light where practical before disposal; cured material may be disposed of as non-hazardous solid waste.

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

Components are listed on the TSCA Inventory. For further information, please contact: Supplier (manufacturer/importer/downstream user/distributor).

U.S. Federal Regulations

OSHA

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
2	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

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

X Present

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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