

Safety Data Sheet



Section 1: Product and Company Identification

1.1 Product Identifier

Product Name • **Sunbrella Furniture Fabrics**

Product Description • Woven Acrylic Fabric with Water/Stain Repellency

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s) • Upholstery and Umbrella fabrics

Use(s) advised against • Please contact manufacturer before using in any other applications, not flame retardant

1.3 Details of the supplier of the safety data sheet

Manufacturer • Glen Raven Custom Fabrics, LLC
1831 N Park Avenue
Glen Raven, NC 27217
United States
www.sunbrella.com
hcovert@glenraven.com

Telephone (General) • 864-224-1671

1.4 Emergency telephone number

• 1-800-424-9300 - Chemtrec Within USA and Canada

Section 2: Hazards Identification

EU/EEC

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

- CLP • Not classified
DSD/DPD • Not classified

2.2 Label Elements

CLP

Hazard statements • No label element(s) required

DSD/DPD

Risk phrases • No label element(s) required

2.3 Other Hazards

- CLP • This material is exempt from CLP/REACH obligations as an article as specified in REACH (1907/2006) and related ECHA guidance.
DSD/DPD • According to European Directive 1999/45/EC this material is not considered dangerous.
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United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012 • Not classified as hazardous

2.2 Label elements

OSHA HCS 2012

Hazard statements • No label element(s) required

2.3 Other hazards

OSHA HCS 2012 • Under United States Regulations (29 CFR 1910.1200(c) - Hazard Communication Standard), the product(s) listed above are exempt as article(s) under stated normal conditions of use.

2.4 Other information

- This material, as an article, does not legally require an SDS.

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

3.2 Mixtures

- Any hazardous ingredients would be encapsulated in the fabric and would not be airborne or of respirable size therefore would not be released or otherwise result in exposure to hazardous chemicals under normal conditions of use.

Section 4 - First Aid Measures

4.1 Description of first aid measures

- Inhalation** • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, move person to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.
- Skin** • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Wash skin with soap and water. If signs/symptoms develop, get medical attention.
- Eye** • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contact with material occurs flush eyes with water. If signs/symptoms develop, get medical attention.
- Ingestion** • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Under normal conditions of use, no health effects are expected.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to Physician** • No specific actions or treatments recommended related to exposure to this material.

Section 5 - Firefighting Measures

5.1 Extinguishing media

- Suitable Extinguishing Media** • Water fog, carbon dioxide, foam, dry chemical.
- Unsuitable Extinguishing Media** • No data available.

5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards** • Avoid skin contact with molten material.
- Hazardous Combustion Products** • Thermal decomposition may produce carbon monoxide, carbon dioxide, ammonia, nitrogen oxides, hydrocarbons, hydrogen cyanide, hydrogen fluoride, acrylic monomer, smoke, soot, and other toxics dependant on specific conditions.

5.3 Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).
Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions** • No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.
- Emergency Procedures** • No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Use normal clean up procedures.

6.2 Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and cleaning up

- Containment/Clean-up Measures** • Carefully shovel or sweep up spilled material and place in suitable container.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

- Handling** • Use good safety and industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

- Storage** • Store in a cool, dry place.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

- Exposure Limits/Guidelines** • Any hazardous ingredients would be encapsulated in the fabric and would not be airborne or of respirable size therefore would not be released or otherwise result in exposure to hazardous chemicals under normal conditions of use.

8.2 Exposure controls

- Engineering Measures/Controls**
- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

- Respiratory**
- No respiratory protection is required under normal conditions and use.

- Eye/Face**
- No eye protection is ordinarily required under normal conditions of use.

- Skin/Body**
- No skin protection is ordinarily required under normal conditions of use.

- Environmental Exposure Controls**
- Follow best practice for site management and disposal of waste.

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Solid woven fabric, multiple colors.
Color	Multiple colors.	Odor	No odor apparent
Odor Threshold	Not relevant		
General Properties			
Boiling Point	Not relevant	Melting Point	Not relevant
Decomposition Temperature	Not relevant	pH	Not relevant
Specific Gravity/Relative Density	Not relevant	Water Solubility	Negligible < 0.1 %
Viscosity	Not relevant	Explosive Properties	Not explosive.
Oxidizing Properties:	Not an oxidizer.		
Volatility			
Vapor Pressure	Not relevant	Vapor Density	Not relevant
Evaporation Rate	Not relevant		
Flammability			
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	Autoignition	Not relevant
Flammability (solid, gas)	Will burn		
Environmental			
Octanol/Water Partition coefficient	Not relevant		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Temperatures over 190°C.

10.5 Incompatible materials

- Decomposition with strong acids / alkali and amines at higher temperatures due to yellowing.

10.6 Hazardous decomposition products

- Carbon monoxide, carbon dioxide, water, ammonia, nitrile, hydrocyanic acid polyacrylamide, polyacrylic acid, cyanhydric acid, methanol, formaldehyde and some low hydrocarbons. Danger of forming toxic pyrolysis products and fluorophosgene.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

GHS Properties	Classification
Acute toxicity	EU/CLP•Not relevant OSHA HCS 2012•Not relevant
Aspiration Hazard	EU/CLP•Not relevant OSHA HCS 2012•Not relevant
Carcinogenicity	EU/CLP•Not relevant OSHA HCS 2012•Not relevant
Germ Cell Mutagenicity	EU/CLP•Not relevant OSHA HCS 2012•Not relevant
Skin corrosion/Irritation	EU/CLP•Not relevant OSHA HCS 2012•Not relevant
Skin sensitization	EU/CLP•Not relevant OSHA HCS 2012•Not relevant
STOT-RE	EU/CLP•Not relevant OSHA HCS 2012•Not relevant
STOT-SE	EU/CLP•Not relevant OSHA HCS 2012•Not relevant
Toxicity for Reproduction	EU/CLP•Not relevant OSHA HCS 2012•Not relevant

Respiratory sensitization	EU/CLP•Not relevant OSHA HCS 2012•Not relevant
Serious eye damage/Irritation	EU/CLP•Not relevant OSHA HCS 2012•Not relevant

Route(s) of entry/exposure

- Inhalation, Skin, Eye, Ingestion

Potential Health Effects

Inhalation

Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)

- Under normal conditions of use, no health effects are expected.

Skin

Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)

- Under normal conditions of use, no health effects are expected.

Eye

Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)

- Under normal conditions of use, no health effects are expected.

Ingestion

Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)

- Under normal conditions of use, no health effects are expected.

Section 12 - Ecological Information

12.1 Toxicity

- No data.

12.2 Persistence and degradability

- No data.

12.3 Bioaccumulative potential

- No data.

12.4 Mobility in Soil

- No data.

12.5 Results of PBT and vPvB assessment

- No data.

12.6 Other adverse effects

- No studies have been found

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not regulated	NDA	NDA	NDA

14.6 Special precautions for user • None known.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • Not relevant.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • None

15.2 Chemical Safety Assessment

- Chemical Safety Assessment is not required.

Section 16 - Other Information

Last Revision Date • 05/January/2016 **Preparation Date** • 17/January/2014

Disclaimer/Statement of Liability • The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial and local laws.

Key to abbreviations

NDA = No Data Available