



08190

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: May 6, 2015

Supersedes: 07/20/2010

Version: 1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY CONTACT INFORMATION

1.1. Product Identifier

Product Code: 08190

Variants: -300, -400, -700

1.2. Intended End Use of the Product

Adhesive

1.3. Supplier Contact Information

Evans Adhesive

925 Old Henderson Rd

Columbus OH 43220

T 614-451-2665

www.evansadhesive.com

1.4. Emergency Telephone Number

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1. Hazard Classification of the Substance

Skin Sens. 1

H317

2.2. Label Elements

Signal Word: Warning

Hazard Statements: H317 – May cause an allergic skin reaction

Hazard Pictograms:



GHS07

Precautionary Statements:

P261 – Avoid breathing vapors, mist, spray.

P272 – Contaminated work clothing must not be allowed out of the workplace.

P280 – Wear protective clothing, protective gloves, face protection.

P302+P352 – IF ON SKIN: Wash with plenty of water.

P321 – Specific treatment (see Section 4).

P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 – Take off contaminated clothing and wash it before reuse.

P501 – Dispose of contents/container according to local, regional, national, and international regulations.

2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin or respiratory conditions

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON RAW MATERIALS

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product Identifier	%	Classification
Glyoxal	(CAS No) 107-22-2	< 1	Skin Sens. 1, H317

3.3. Chemicals with Trade Secret Claimed

Not applicable

SECTION 4: FIRST AID MEASURES

4.1. First Aid Instructions

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

After Inhalation: When symptoms occur, go into open air and ventilate suspected area.

After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes.

After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

After Ingestion: Rinse mouth. Do NOT induce vomiting.

4.2. Potential symptoms and effects (both acute and delayed)

After Inhalation: May cause respiratory irritation.

After Skin Contact: May cause an allergic skin reaction.

After Eye Contact: May cause eye irritation.

After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None known.

4.3. Recommendations if Immediate Medical Attention is Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream may spread fire.

5.2. Specific Hazards Arising From the Substance

Fire Hazard: Not flammable. Combustible after evaporation of all water.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Recommendations for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes or clothing. Avoid breathing (vapor, mist, spray).

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Dilute with water.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing vapors, mist, and spray.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

7.2. Conditions for Safe Storage, Including Incompatibilities

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Protect from freezing.

Incompatible Products: Strong acids, strong bases, and strong oxidizers.

Storage Area: Store locked up.

7.3. Specific End Use(s)

Adhesive

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control Parameters

Glyoxal (107-22-2)		
USA ACGIH	ACGIH Ceiling (mg/m ³)	0.1 mg/m ³

8.2. Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Safety glasses. Protective clothing



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing. Wash contaminated clothing before reuse.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Off White
Odor	: Mild
Odor Threshold	: No data available
pH	: 4.0-5.25
Melting Point	: No data available
Freezing Point	: 0 °C (32 °F, Water)
Boiling Point	: 100 °C (212 °F, Water)
Flash Point	: Water Based System
Relative Evaporation Rate (butylacetate=1)	: <1
Flammability (solid, gas)	: Water Based System
Vapor Pressure	: 17.535 (Water)
Relative Vapor Density at 20 °C	: No data available

Relative Density	No data available
Solubility	Soluble in water
Partition coefficient: n-octanol/water	No data available
Auto-ignition Temperature	Water Based System
Decomposition Temperature	No data available
Specific Gravity	1.03
Viscosity	No data available

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2 Chemical Stability:** Stable under normal ambient conditions.
- 10.3 Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4 Conditions to Avoid:** Extremely high or low temperatures. Coagulation may occur following freezing, thawing or boiling.
- 10.5 Incompatible Materials:** Strong acids, strong bases and strong oxidizers.
- 10.6 Hazardous Decomposition Products:** Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

- Acute Toxicity** : Not classified
- Skin Corrosion/Irritation:** Not classified
- Serious Eye Damage/Irritation:** Not classified
- Respiratory or Skin Sensitization:** May causes an allergic skin reaction
- Germ Cell Mutagenicity:** Not classified
- Carcinogenicity:** Not classified
- Reproductive Toxicity:** Not classified
- Specific Target Organ Toxicity (Single Exposure):** Not classified
- Specific Target Organ Toxicity (Repeated Exposure):** Not classified..
- Aspiration Hazard:** Not classified
- Symptoms After Inhalation:** May cause respiratory irritation.
- Symptoms After Skin Contact:** May cause an allergic skin reaction.
- Symptoms After Eye Contact:** May cause eye irritation.
- Symptoms After Ingestion:** Ingestion is likely to be harmful or have adverse effects.
- Chronic Symptoms:** None known.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Toxicity:** Harmful to aquatic life
- 12.2. Persistence and Degradability:** Not established.
- 12.3. Bioaccumulative Potential:** Not established.
- 12.4. Mobility in Soil:** No additional information available
- 12.5. Other Adverse Effects:** Avoid release to the environment

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

- Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.
- Additional Information:** Avoid release to the environment

SECTION 14: TRANSPORT INFORMATION

In Accordance With ICAO/IATA/DOT/TDG

14.1. UN Number

Not regulated for transport

14.2. UN Proper Shipping Name

Not regulated for transport.

14.3. Additional Information**Transport by Sea:** Not regulated for transport.**Air Transport:** Not regulated for transport.**SECTION 15: REGULATORY INFORMATION****15.1 US Federal Regulations****08190****SARA Section 311/312**

Immediate (acute) health hazard

Delayed (chronic) health hazard

Glyoxal (107-22-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 US State Regulations

Not applicable

SECTION 16: OTHER INFORMATION**Revision Date:** May 6, 2015**Other Information:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.**GHS Full Text Phrases:**

Skin Sens. 1	Skin sensitization Category 1
H317	May cause an allergic skin reaction

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