

# Chicago Glue Machine & Supply Co.

## SAFETY DATA SHEET

PRODUCT NUMBER: EY14RN  
ISSUE DATE: 01/15/2018

### 1. IDENTIFICATION

Product Number: EY14RN

Recommended use of the chemical: Water based carbohydrate adhesive  
Restrictions on use: None known

### 2. HAZARDS IDENTIFICATION

OSHA HAZCOM 2012/GHS HAZARD CLASSIFICATION: Eye Irritation Category 2B  
NO PICTGRAM REQUIRED

LABELING:

WARNING: Causes eye irritation.  
Wash hands thoroughly after handling. IF IN EYES: Rinse cautiously for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Non-Hazardous water based carbohydrate adhesive	Proprietary Mixture	70-90%
Sodium Nitrate	7631-99-4	10-30%

### 4. FIRST-AID MEASURES

EYE: Irrigate with eyewash solution or clean water for several minutes until pain is relieved. Remove contact lenses if present and easy to do after the first 5 minutes, then continue rinsing. Obtain medical attention.

SKIN CONTACT: Wash skin with soap and water. If symptoms develop, obtain medical attention.

INHALATION: Remove to fresh air. Get medical attention if irritation persists.

INGESTION: Treat symptomatically and supportively. Get medical attention, DO NOT attempt to give anything by mouth to an unconscious person.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED: May cause eye irritation. Prolonged skin contact may cause irritation.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NECESSARY: None normally required.

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## 5. FIREFIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray or fog, CO2, dry chemical; Foam

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS: Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: This is a water-based product and presents no particular fire or explosion hazard. Dry polymer film will burn. Product contains low level of organic volatiles which may be emitted at elevated temperatures. Hazardous combustion products include carbon monoxide, carbon dioxide, unknown hydrocarbons.

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, EMERGENCY PROCEDURES: No special protection is normally required.

ENVIRONMENTAL PRECAUTIONS: Avoid release to the environment. Washings must be prevented from entering surface water drains.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Absorb spillages onto sand, earth or any suitable absorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water.

For safety and environmental precautions, please review entire Safety Data Sheet for necessary information

## 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid breathing vapors. Avoid contact with eyes. Product contains low level of organic volatiles which could accumulate in the unvented headspace of drums or bulk storage vessels. Open drums in well ventilated areas. Remove contaminated clothing and laundry before reuse. Wash before eating, drinking, or using toilet facilities.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Avoid extreme temperatures. Protect from freezing.

STORAGE TEMPERATURE: 40 - 100°F

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Non-Hazardous water based carbohydrate adhesive	None Established
Sodium Nitrate	None Established

APPROPRIATE ENGINEERING CONTROLS: Good general ventilation should be adequate.

PERSONAL PROTECTION:  
EYE PROTECTION: Wear safety glasses with side shields. Protect against splashing.

GLOVES: The use of chemically resistant gloves is recommended.

PROTECTIVE CLOTHING: Uniforms, coveralls, or a lab coat should be worn.  
Rubber boots and apron if exposure is severe.

RESPIRATORY PROTECTION: None required under normal handling conditions. Use NIOSH approved respirator if vapor or mist levels are irritating.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid	COLOR: Amber
ODOR THRESHOLD: Not established	ODOR: Slight
MELTING/FREEZING POINT: Approximately 32°F	INITIAL BOILING POINT/RANGE: >212°F
FLASH POINT: > 212 °F	EVAPORATION RATE: Same as water
FLAMMABILITY (SOLID, GAS): Not applicable	pH: Approximately 5-7
FLAMMABLE LIMITS: LEL: Not applicable	UEL: Not applicable
VAPOR PRESSURE: Same as water	VAPOR DENSITY: Same as water
RELATIVE DENSITY: Approximately 1.2	SOLUBILITY(IES): Miscible in water
PARTITION COEFFICIENT: N-OCTANOL/WATER:	AUTO-IGNITION TEMPERATURE: Not available
DECOMPOSITION TEMPERATURE: Not available	VISCOSITY: Not available
% NON VOLATILES: Approximately 54 %/w	

## 10. STABILITY AND REACTIVITY

REACTIVITY: Not reactive  
CHEMICAL STABILITY: Stable  
POSSIBILITY OF HAZARDOUS REACTIONS: Reactions with oxidizers may generate heat.  
CONDITIONS TO AVOID: Protect from temperatures below 40F  
INCOMPATIBLE MATERIALS TO AVOID: Strong oxidizers, Materials that react with water  
HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous combustion products include carbon monoxide, carbon dioxide, unknown hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

ROUTE OF ENTRY: Eye Contact; Skin Contact; Inhalation; Ingestion  
**ACUTE (SHORT TERM) EFFECTS OF EXPOSURE**  
EYE: Eye irritant  
SKIN CONTACT: Repeated or prolonged skin contact may result in mild irritation  
INHALATION: Vapor or aerosol, if generated, can cause irritation of the eyes, nose and respiratory tract  
INGESTION: Ingestion may cause irritation of the gastrointestinal tract

### **CHRONIC (LONG TERM) EFFECTS OF EXPOSURE:**

NUMERICAL MEASURES OF TOXICITY: No chronic effects are known.  
Ingredients are not acutely toxic  
CARCINOGENICITY: None of the ingredients are listed as carcinogens by IARC, NTP or OSHA.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data is available.  
**Environmental Fate:** No data is available

## 13. DISPOSAL CONSIDERATIONS

To the best of our ability, this product does not meet the definition of hazardous waste under US EPA Hazardous Waste Regulations 40CFR261. Disposal via at an approved facility is recommended. Consult state, local or provincial authorities for more restrictive requirements.

## 14. TRANSPORTATION INFORMATION

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Consult Bill of Lading for transportation information.

**DOT:** Not Regulated

**IATA:** Not Regulated

## 15. REGULATORY INFORMATION

**TSCA Inventory Status and TSCA Information:**

This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

**TSCA 12 (B) Export Notification:**

This material does not contain any TSCA 12 (b) regulated chemicals.

**CERCLA Regulated Chemicals:**

This material does not contain any CERCLA regulated chemicals.

**SARA 302 EHS Chemicals:**

This material does not contain any SARA extremely hazardous substances.

**SARA 311/312 Hazard Class:**

This product does not present any SARA 311/312 hazards.

**SARA 313 Chemicals**

This material does not contain any SARA 313 chemical above de minimus levels.

## 16. OTHER INFORMATION

HMIS® Hazard Ratings

Health

1

Flammability

0

Reactivity

0

**PREPARED BY: SDS COORDINATOR**

The information given above is based on our best knowledge, and is believed it to be true and accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes. Please read the entire product bulletin along with our conditions of sale which apply to all goods supplied by us. Chicago Glue Machine & Supply Co. assumes no responsibility for the use of these statements, recommendations or suggestions, nor do we intend them as a recommendation for any use, which would infringe any patent or copyright.