

# Chicago Glue Machine & Supply Co.

## SAFETY DATA SHEET

PRODUCT NUMBER: HMR4  
ISSUE DATE: 11/03/2015

### 1. IDENTIFICATION

Product Number: HMR4

Recommended use of the chemical: Hot melt adhesive  
Restrictions on use: None known

### 2. HAZARDS IDENTIFICATION

OSHA HAZCOM 2012/GHS HAZARD CLASSIFICATION: Not hazardous.  
NO PICTOGRAM REQUIRED

#### LABELING:

This product is not classified as hazardous in accordance with the OSHA Hazard Communication Standard 29CFR 1910.1200 (2012) or Canadian WHMIS 2015.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Synthetic Polymer Mixture	Proprietary Mixture	100%

### 4. FIRST-AID MEASURES

EYE: Irrigate with eyewash solution or clean water until pain is relieved. Obtain medical attention.  
SKIN CONTACT: Wash skin with soap and water. If symptoms develop, obtain medical attention. Treat for any burns.  
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 mild eye and skin irritation. Hot material will cause thermal burns.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NECESSARY: Get medical attention if needed for burns.

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## 5. FIREFIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray or fog, CO2, dry chemical; Alcohol 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: This product is not classified as flammable but will burn in a fire. Hazardous combustion products include carbon monoxide, carbon dioxide, various hydrocarbons.

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, EMERGENCY PROCEDURES: No special protection is normally required if product is at ambient temperature. Wear heat resistant gloves if product is molten.

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

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Collect as much spilled material as possible. Allow molten material to cool before attempting to collect.

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. Avoid contact with molten material. Remove contaminated clothing and launder before reuse. Wash before eating, drinking, or using toilet facilities.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Store away from heat.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Synthetic Polymer Mixture	None Established
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APPROPRIATE ENGINEERING CONTROLS: Good general ventilation should be adequate, however, local exhaust ventilation is recommended.

PERSONAL PROTECTION:

EYE PROTECTION:

Wear safety glasses with side shields. Protect against splashing.

GLOVES:

Wear gloves to prevent thermal burns.

PROTECTIVE CLOTHING:

Wear protective clothing if needed to avoid contact with hot material.

RESPIRATORY PROTECTION:

No respiratory protection required under normal use conditions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Solid	COLOR: Off-white to brown
ODOR THRESHOLD: Not established	ODOR: Resinous
MELTING/FREEZING POINT: Not determined	INITIAL BOILING POINT/RANGE: Not applicable
FLASH POINT: Not determined	EVAPORATION RATE: Not determined
FLAMMABILITY (SOLID, GAS): Not flammable	pH: Not applicable
FLAMMABLE LIMITS: LEL: Not determined	UEL: Not determined
VAPOR PRESSURE: Not determined	VAPOR DENSITY: Heavier than air
RELATIVE DENSITY: Approximately 1.0	SOLUBILITY(IES): Insoluble in water
PARTITION COEFFICIENT: N-OCTANOL/WATER: Not determined	AUTO-IGNITION TEMPERATURE: Not determined
DECOMPOSITION TEMPERATURE: Not available	VISCOSITY: Not applicable
	Softening Point: 184°F

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## 10. STABILITY AND REACTIVITY

REACTIVITY: Not reactive  
CHEMICAL STABILITY: Stable  
POSSIBILITY OF HAZARDOUS REACTIONS: Reactions with oxidizers may generate heat.  
CONDITIONS TO AVOID: Avoid high temperatures  
INCOMPATIBLE MATERIALS TO AVOID: Strong oxidizers.  
HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous combustion products include carbon monoxide, carbon dioxide, various hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

ROUTE OF ENTRY: Eye Contact; Skin Contact; Inhalation; Ingestion  
**ACUTE (SHORT TERM) EFFECTS OF EXPOSURE**  
EYE: Slight/mild irritant  
SKIN CONTACT: Skin irritation may occur. Possible dermatitis on prolonged or repeated Contact. Hot solutions may cause thermal burns.  
INHALATION: Dust or vapor from hot product 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

Reclaim if feasible. If disposal is required, dispose of waste material in sanitary landfill or incinerate in an industrial, commercial or municipal incinerator.

## 14. TRANSPORTATION INFORMATION

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.

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**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**

HMS® Hazard Ratings

Health

1

Flammability

1

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.