

Supplied by Chicago Glue Machine & Supply Co., Inc.  
800-419-4583

**MATERIAL SAFETY DATA SHEET**

PRODUCT NUMBER: X4438B  
ISSUE DATE: 06/23/2010

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Number: X4438B

COMPANY ADDRESS: Chicago Glue Machine & Supply Co., Inc.  
750 Baker Drive  
Itasca, IL 60143  
Phone: (630) 250-0700  
Fax: (630) 285-0949  
Contact: Material Safety Data Sheet Coordinator

**2. HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW: Not considered as hazardous.  
Color: White  
Slight Odor

EYE: Slight/mild 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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL FAMILY: Water based polymer emulsion

COMPONENT	CAS NUMBER	CONCENTRATION (% by weight)
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None classified as hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200)

**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.

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.

**5. FIREFIGHTING MEASURES**

AUTOIGNITION: Not available  
FLASH POINT: > 212 °F  
EXTINGUISHING MEDIA: Water spray or fog, CO2, dry chemical; Foam  
SPECIAL FIREFLIGHTING PROCEDURES: Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

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FIRE & EXPLOSION HAZARDS:	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:	Carbon monoxide, carbon dioxide, unknown hydrocarbons.
LOWER EXPLOSION LIMIT (%)	Not applicable
UPPER EXPLOSION LIMIT (%)	Not applicable

### 6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES:	Absorb spillages onto sand, earth or any suitable absorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Disposal should be in accordance with local, state and national legislation.
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For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information

### 7. HANDLING AND STORAGE

STORAGE TEMPERATURE:	40 - 100°F
HANDLING/STORAGE:	Avoid extreme temperatures. Protect from freezing. This material should not be spilled, discharged or flushed into sewers or public waterways. 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. Avoid breathing vapors.
SENSITIVITY TO STATIC ELECTRICITY:	None
SENSITIVITY TO MECHANICAL IMPACT:	None

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

VENTILATION REQUIREMENTS:	None required if good ventilation is maintained.
EYE PROTECTION REQUIREMENTS:	Wear safety glasses with side shields. Protect against splashing.
GLOVE REQUIREMENTS:	The use of chemically resistant gloves is recommended.
CLOTHING REQUIREMENTS:	Uniforms, coveralls, or a lab coat should be worn. Rubber boots and apron if exposure is severe.
CHANGE/REMOVAL OF CLOTHING:	Remove contaminated clothing and launder before reuse.
WASH REQUIREMENTS:	Wash before eating, drinking, or using toilet facilities.
RESPIRATOR REQUIREMENTS:	None required under normal handling conditions. Use NIOSH approved respirator if vapor or mist levels are irritating.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM:	Liquid
COLOR:	White
ODOR:	Slight
PH AS IS:	Approximately 4-6
BOILING POINT:	>212°F
MELTING/FREEZING POINT:	Approximately 32°F
SOLUBILITY IN WATER:	Miscible
SPECIFIC GRAVITY:	Approximately 1.1
% NON VOLATILES:	Approximately 54±3%/wt

### 10. STABILITY AND REACTIVITY

STABILITY:	Stable
MATERIALS TO AVOID:	Strong oxidizers, Materials that react with water
CONDITIONS TO AVOID:	Protect from temperatures below 40°F
HAZARDOUS POLYMERIZATION CONDITIONS:	Hazardous polymerization will not occur.

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**11. TOXICOLOGICAL INFORMATION**

ROUTE OF ENTRY: Eye Contact; Skin Contact; Inhalation; Ingestion

<b>CARCINOGEN</b>	<u>IRAC</u> (group)	<u>NTP</u>	<u>OSHA Substance</u> <u>Specific Regulation</u>
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COMPONENT:  
There is no evidence that  
this product poses a  
carcinogenic risk under  
normal conditions of  
handling and use.

**PRODUCT TOXICOLOGY**  
PRODUCT INFORMATION: Unlikely to cause harmful effects under recommended conditions of  
handling and use.

**ACUTE (SHORT TERM) EFFECTS OF EXPOSURE**  
**CHRONIC (LONG TERM) EFFECTS OF EXPOSURE:**

EFFECTS OF CHRONIC EXPOSURE: The toxicological properties of this product have not been fully  
evaluated. Use of good industrial hygiene practices is required. Avoid direct contact with skin or eyes. Do not  
inject or inhale.

TARGET ORGANS: Not applicable.

**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**

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:**

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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:                   MSDS 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., Inc. 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.