

# SAFETY DATA SHEET

Revision Date: 09/10/15

## 1. Product and Company Information

### 5-150 Adhesive

Mid-West Industrial Chemical Company  
1509 Sublette Ave.  
St. Louis, MO 63110 USA

24-Hour Emergency Response Information:  
CHEMTREC 1-800-424-9300

Product use: Water-based Adhesive

## 2. Hazards Information

**GHS Classification:** Not a hazardous substance or mixture.

## 3. Composition/Information on Ingredients

| <u>Chemical Name</u> | <u>CAS No.</u> | <u>Wt. %</u> |
|----------------------|----------------|--------------|
| Water                | 7732-18-5      | 42-48        |
| Synthetic Resin*     | N.A.           | 52-58        |

\* The specific chemical identities and/or exact percentages have been withheld as a trade secret.

## 4. First Aid Measures

**INHALATION:** Remove to fresh air and keep at rest. Get medical attention if symptoms develop. If not breathing, administer artificial respiration.

**SKIN CONTACT:** Immediately wash with soap and plenty of water. Remove contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.

**EYE CONTACT:** Hold eyelids apart and flush eyes with large quantities of water for 15 minutes. Remove contact lenses, if present, and continue rinsing eye. Get medical attention if eye irritation develops and persists.

**INGESTION:** Do not induce vomiting. Get medical attention immediately. Drink plenty of water. Never give anything by mouth to an unconscious person.

## 5. Fire-Fighting Measures

Flash Point: None

Flammable Limits (% by Volume) :

Lower Explosion Limit: None, Upper Explosion Limit: None

**FIRE FIGHTING MEASURES:**

Fire extinguishing media: Water, CO<sub>2</sub>, dry chemical, foam.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers. Wear self-contained breathing apparatus and protective clothing in fighting fires to avoid inhalation of smoke and vapors.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None.

# SAFETY DATA SHEET

## 6. Accidental Release Measures

Personal precautions: Use personal protective clothing and equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions: Do not allow discharge to drains, surface water, or groundwater. Dike the spill as needed. Dispose of waste material according to federal, state, and local regulations.

## 7. Handling and Storage

Store this product above 40 °F/4 °C. Provide adequate general and local exhaust ventilation. Avoid prolonged or repeated skin contact. Avoid contact with eyes. Store product in a cool, well-ventilated place. Keep containers tightly sealed when not in use. Do not freeze.

## 8. Exposure Controls and Personal Protection

ENGINEERING CONTROLS: Use general and local exhaust.

RESPIRATORY PROTECTION: If required, use NIOSH approved respirator for organic vapor and mist in compliance with OSHA Standard 29 CFR 1910.134.

SKIN PROTECTION: impermeable gloves to minimize skin contact.

EYE PROTECTION: Wear goggles, face shield, or safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: Eye bath and safety shower.

HYGIENIC PRACTICES: Wash with soap and water before eating, drinking, smoking or using toilet facilities.

## 9. Physical and Chemical Properties

Appearance and Odor: White color, mobile liquid, mild odor.

|                            |                |  |                                   |
|----------------------------|----------------|--|-----------------------------------|
| Boiling Point (°F):        | 212.0          | Specific Gravity (H <sub>2</sub> O=1): | 1.08                              |
| Vapor Pressure (mm Hg):    | 17.0           | Percent Volatile (By Volume):          | 48                                |
| Vapor Density (AIR=1):     | 0.62           | Evaporation Rate (Butyl Acetate = 1)   | Not applicable                    |
| Solubility in Water:       | Complete       | Evaporation Rate (Ethyl Ether = 1)     | Not applicable                    |
| Flash Point:               | Not applicable | Flammable Limits (% by Volume) :       |                                   |
| Auto-ignition Temperature: | Not determined | Lower Explosion Limit:                 | None, Upper Explosion Limit: None |

## 10. Stability and Reactivity

STABILITY: This product is stable under normal storage conditions.

CONDITIONS TO AVOID: Not applicable.

INCOMPATIBILITY(Materials to avoid): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION or BYPRODUCTS: CO, CO<sub>2</sub>, Hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

# SAFETY DATA SHEET

## 11. Toxicological Information

PRIMARY ROUTE(S) OF ENTRY: INHALATION, SKIN CONTACT, SKIN ABSORPTION, INGESTION, EYE CONTACT.

Carcinogenic Categories (IARC/NTP): None of the ingredients listed.

WARNING: TARGET ORGAN EFFECTS: This product is comprised of multiple ingredients both hazardous and non-hazardous materials. Since the quantity of each ingredient varies from less than 1% to as much as 99%, it is not possible to determine precise exposures to each individual material within the mixture. With regard to target organs, one or more of the following may be affected out of normal use or misuse of the product: Human and unborn human lungs, skin, brain, heart, kidneys, liver, reproductive organs, central nervous system and the blood.

INGESTION: can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

INHALATION: excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, nausea.

SKIN CONTACT: prolonged and repeated skin contact can cause defatting and drying of the skin which can result in skin irritation and dermatitis.

EYE CONTACT: can cause severe irritation, redness, tearing, blurred vision.

## 12. Ecological Information

Volatile Organic Compounds (VOCS): None lbs/gal, None gms/ltr  
Toxicity information not available for this mixture.

## 13. Disposal Considerations

Dispose of as a hazardous waste in accordance with national, state and local regulations.

## 14. Transport Information

DOT PROPER SHIPPING NAME: Non-hazardous

DOT HAZARD CLASS:

HAZARD SUBCLASS:

DOT UN/NA NUMBER:

PACKING GROUP:

RESP. GUIDE Number:

## 15. Regulatory Information

None.

## 16. Other Information

HMIS RATINGS: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

The information contained on this MSDS may be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Notice: The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof. Mid-West Industrial Chemical Co., however, makes no representations as to the completeness or accuracy thereof, and information is supplied upon the express condition that the persons receiving same will be required to make their own determination as to its suitability for their purposes prior to use. In no event will Mid-West Industrial Chemical Co. be responsible for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS. The information as supplied herein is simply to be informative and intended solely to alert the user of the substance which is the subject matter of this MSDS. The ultimate compliance with Federal, State or local regulations concerning the use of this compound, or compliance with respect to product liability, rest solely upon the purchaser thereof.