

**OSHA Hazard Communication Standard  
29 CFR 1910.1200. Prepared to GHS Rev 3.**

**Trade name:** A450

**SECTION 1: Identification**

**Product identifier used on the label:**

**Product Name:** A450

**Other means of identification:**

**Product Code Number:** A450

**Recommended use of the chemical and restrictions on use:**

**Recommended use:** Water-Based Adhesive

**Recommended restrictions:** Uses other than those described above

**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**

**Company Name:** Applichem

**Company Address:** 3211 Nebraska Ave, Suite 300  
Council Bluffs, IA 51501  
U.S.

**Company Telephone:** 402-731-9300

**Contact Email:** info@applicheminc.com

**Emergency phone number:** Chemtrec 1 (800)-424-9300

**SECTION 2: Hazard(s) identification**

**Classification of the chemical in accordance with paragraph (d) of §1910.1200:**

Not classified as Hazardous under HCS 2012

**GHS Signal word:** None required

**GHS Hazard statement(s):** Not classified as hazardous

**GHS Hazard symbol(s):** None required

**Precautionary statement(s):** None required

**Hazard(s) not otherwise classified (HNOC):**

May be irritating to the eyes and skin. Contact with hot material can cause thermal burns.

**Percentage of ingredient(s) of unknown acute toxicity:**

Not applicable.

**SECTION 3: Composition/information on ingredients**

**Mixture:**

CREATING ADHESIVE, TAPE AND SEALANT SOLUTIONS THAT OUTPERFORM.

There are no components that require reporting in this section. All components are not classified as hazardous or are below the concentration limit to be classified as hazardous, under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

#### **SECTION 4: First-aid measures**

##### **Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:**

**Inhalation:** Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Seek medical advice.

**Skin contact:** Wash with water and soap and rinse thoroughly. Seek medical advice if irritation or pain develops.

**Eye contact:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation occurs, call a physician.

**Ingestion:** Do NOT induce vomiting. If swallowed, wash mouth out with water provided the person is conscious. Follow with plenty of water. NEVER GIVE LIQUIDS TO AN UNCONCIOUS PERSON. Call a physician.

##### **Most important symptoms/effects, acute and delayed:**

May be irritating to the eyes and skin. Contact with hot material can cause thermal burns.

##### **Indication of immediate medical attention and special treatment needed:**

If any symptoms are observed, contact a physician and give them this SDS sheet. Treat symptomatically.

#### **SECTION 5: Fire-fighting measures**

##### **Suitable (and unsuitable) extinguishing media:**

**Suitable extinguishing media:** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

##### **Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):**

Not expected to be flammable. Material will not burn unless preheated. Cool fire exposed containers with water.

Hazardous combustion products may include the following substances: Carbon monoxide, carbon dioxide.

##### **Special protective equipment and precautions for fire-fighters:**

Use water spray or fog for cooling exposed containers. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate all non-emergency personnel from area. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures:**

No action shall be taken involving any personal risk or without suitable training. Immediately evacuate personnel to safe areas. Keep unnecessary personnel away. Wear appropriate personal protective equipment. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Environmental Precautions:**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. If spill occurs on water notify appropriate authorities.

**Methods and material for containment and cleaning up:**

Wipe up with absorbent material (e.g., cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Large Spills: Move containers from spill area. Prevent entry into sewers, water courses, basements, or confined areas. Contain and collect spillage with inert, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

**SECTION 7: Handling and storage****Precautions for safe handling:**

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains.

**Conditions for safe storage, including any incompatibles:**

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS). Recommended storage temperature: 55-90°F

**SECTION 8: Exposure controls/personal protection**

**OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.**

None known.

**Appropriate engineering controls:**

Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Provide eyewash station. Eye wash fountain and emergency showers are recommended.

**Individual protection measures, such as personal protective equipment:**

**Eye/face protection:** Wear safety glasses, safety glasses with side shields or safety goggles if there is the possibility of adhesive spraying. Use equipment for eye protection tested and approved under NIOSH standards.

**Skin and hand protection:** Wear chemical-resistant gloves if significant hand contact is expected.

**Respiratory protection:** General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits.

**General hygiene considerations:** When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**SECTION 9: Physical and chemical properties****Appearance (physical state, color, etc.):**

**Physical state:** Liquid

**Color:** White

**Odor:** Not available.

**Odor threshold:** Not available

**pH:** Not available

**Melting point/freezing point:** Not available

**Initial boiling point and boiling range:** 100°C / 212°F

**Flash point:** Not available

**Evaporation rate:** Not available

**Flammability (solid, gas):** Not applicable.

**Upper/lower flammability or explosive limits**

**Lower limit (%):** Not available

**Upper limit (%):** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Relative density:** 1.04

**Solubility (ies):** Soluble in water.

**Partition coefficient (n-octanol/water):** Not available

**Auto-ignition temperature:** Not available

**Decomposition temperature:** Not available

**Viscosity:** Not available

**SECTION 10: Stability and reactivity**

**Reactivity:** Not reactive under recommended storage and handling conditions.

<b>Chemical stability:</b>	Stable under recommended storage and handling conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous reactions not anticipated under recommended storage and handling conditions.
<b>Conditions to avoid:</b>	Avoid high temperatures.
<b>Incompatible materials:</b>	Oxidizers, acids, and bases.
<b>Hazardous decomposition Products:</b>	Carbon monoxide, Carbon dioxide (CO <sub>2</sub> )

## SECTION 11: Toxicological information

### Information on likely routes of exposure:

<b>Inhalation:</b>	None expected.
<b>Ingestion:</b>	None expected.
<b>Skin:</b>	May be irritating to skin. Contact with hot material can cause thermal burns.
<b>Eyes:</b>	May be irritating to the eyes.
<b>Target Organs:</b>	Skin, Eyes

### Symptoms related to the physical, chemical, and toxicological characteristics:

May be irritating to the eyes and skin. Contact with hot material can cause thermal burns.

### Delayed and immediate effects and chronic effects from short or long-term exposure:

No additional effects known

### Numerical measures of toxicity (such as acute toxicity estimates):

There is no toxicology data available for this produced

<b>Skin corrosion/irritation:</b>	May cause skin irritation
<b>Serious eye damage/eye irritation:</b>	May cause eye irritation
<b>Respiratory sensitization:</b>	Does not meet the criteria for classification
<b>Skin sensitization:</b>	Does not meet the criteria for classification
<b>Germ cell mutagenicity:</b>	Does not meet the criteria for classification
<b>Carcinogenicity:</b>	Does not meet the criteria for classification.
<b>Reproductive toxicity:</b>	Does not meet the criteria for classification.
<b>Specific target organ toxicity-Single exposure:</b>	Does not meet the criteria for classification
<b>Specific target organ toxicity-Repeat exposure:</b>	Does not meet the criteria for classification
<b>Aspiration hazard:</b>	Does not meet the criteria for classification

**Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:**

None known

## SECTION 12: Ecological information

### **Ecotoxicity (aquatic and terrestrial, where available):**

There is no ecotoxicology data available for this product

### **Persistence and Degradability:**

No data available

### **Bioaccumulative Potential:**

No data available

### **Mobility in Soil:**

No data available

### **Other adverse effects (such as hazardous to the ozone layer):**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## SECTION 13: Disposal considerations

### **Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.**

#### **Product**

Dispose of waste materials in accordance with applicable local and national laws and regulations. Where possible, recycling is preferred to disposal or incineration. Contact the proper local authorities.

#### **Contaminated packaging**

Since emptied containers retain product residue, follow label warnings even after container is emptied. Dispose of as unused product.

## SECTION 14: Transport Information

### **US Department of Transportation Classification (49CFR)**

Not regulated for transport

### **IMDG (Transport by sea)**

Not regulated for transport

### **IATA (Country variations may apply)**

Not regulated for transport

### **Environmental hazards**

Marine pollutant: No

### **Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)**

No further relevant information available.

### **Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.**

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**SECTION 15: Regulatory Information****USA:**

**United States Federal Regulations:** This SDS complies with the OSHA, 29 CFR 1910.1200. The product is not classified as hazardous under OSHA.

**Toxic Substances Control Act (TSCA)** – All components are listed on the TSCA inventory or are exempted.

**CERCLA RQ (lbs) Ingredients (> 0.1%):**

None listed

**SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311, 312 and 313:**

**Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) (> 0.1%):**

None listed

**Section 311/312 (40 CFR 370) (> 0.1%):**

None known

**Section 313 Toxic Release Inventory (40 CFR 372) (> 0.1%):**

None of the components are listed

**STATE REGULATIONS:**

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

**California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986:** None of the components are listed

**Massachusetts Right to Know:** None of the components are listed on the Massachusetts Right to Know list.

**New Jersey Right to Know** None of the components are listed on the New Jersey Right to Know List.

**Pennsylvania Right to Know:** None of the components are listed on the Pennsylvania Right to Know List.

**SECTION 16: Other Information**

**Revision Date:** Aug 29, 2022

**DISCLAIMER:** The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. The manufacturer MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of this product, many of which are solely within the user's knowledge and control, the user is responsible for determining whether the usage of this product is fit for a

particular purpose and suitable for the user's method of use or application. It is essential that the user, not the manufacturer, evaluates this product to determine whether it is fit for a particular purpose and suitable for the user's method of use or application.