



**Safety Data Sheets for:** Advanced Pressure Sensitive Adhesive, Date of this edition: 10.12.17

## Section 1: Identification

Product name: Advanced Pressure Sensitive Adhesive

Relevant use of the substance and restrictions on use: Recommended use: Latex Adhesive

Restrictions: N.A.

### **Supplier details:**

**Grautech Corporation**

**519 E. Interstate 30 #722**

**Rockwall, TX 75087**

**E-Mail: [info@uforceurethanes.com](mailto:info@uforceurethanes.com)**

**Phone: (469)717-0747**

**Emergency Telephone Number**

**Phone: 911**

---

## Section 2: Hazards Identification

### **Emergency overview**

No particular hazards known.

State of matter: liquid / Color: white / Odor: faint sweet odor

### **Potential health effects**

**Acute toxicity:** Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Ingestion may cause gastrointestinal disturbances. The product has not been tested.

**Irritation / corrosion:** Not irritating to eyes and skin. May cause mechanical irritation. If the product adheres to skin, irritation may occur when it dries. The product has not been tested.

**Assessment other acute effects:** Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

**Sensitization:** The product contains a mixture of: 5-chloro-2-methyl-4- isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) (CAS-No.:55965-84-9). May produce an allergic reaction. Due to the low concentrations in this product, sensitization is not expected to occur.

### **Chronic toxicity:**

**Carcinogenicity:** The whole of the information assessable provides no indication of a carcinogenic effect.

**Repeated dose toxicity:** No adverse effects observed. The product has not been tested.

**Reproductive toxicity:** Not expected to cause reproductive toxicity (based on composition).

**Teratogenicity:** No data available.

**Genotoxicity:** No data available.

**Signs and symptoms of overexposure:** No significant symptoms are expected.

---

## Section 3: Composition / Information on Ingredients

Not WHMIS controlled.

---

## Section 4: First Aid Measures

**Eyes:** Flush with large amounts of cool water for at least 15 minutes while holding eyelid open. Seek medical attention.



**Skin:** Remove contaminated clothing. Wash the contaminated area with soap and water. If rash or irritation or other symptoms persist, seek medical attention.

**Inhalation:** Remove to fresh air. If breathing has stopped initiate artificial respiration and obtain immediate medical attention.

**Ingestion:** Do not induce vomiting. Rinse mouth and drink plenty of water. Seek immediate medical attention.

---

## Section 5: Fire Fighting Measures

### Extinguishing media

Pertinent extinguishing media are water, powder or carbon dioxide gas.

### Specific hazards rising from the substance / mixture

Combustion of this product may yield irritating or toxic gases.

### Advise for fire fighters

Use self-contained breathing apparatus. Wear protective clothing. Do not discharge contaminated extinguishing water into drains.

---

## Section 6: Accidental Release measures

### Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment.

### Environmental Procedures

Prevent entry into drains and water courses.

### Methods and material for containment and clean up

Absorbing material can be used such as dry sand or earth. Collect into containers for disposal.

### Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

---

## Section 7: Handling and storage

**General advice:** Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation.

**Storage General advice:** Store protected against freezing.

**Temperature tolerance:** Protect from temperatures below: 5 °C.

The packed product is destroyed at low temperatures or by frost.

Protect from temperatures above: 60 °C.

The packed product must be protected against exceeding the indicated temperature.

---

## Section 8: Exposure Control / Personal Protection

### System design:

Ensure adequate ventilation.

### Personal protective equipment

Respiratory protection: Wear respiratory protection if ventilation is inadequate.

**Hand protection:** Chemical resistant protective gloves

**Eye protection:** Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

**General safety and hygiene measures:** Avoid contact with skin and eyes.



## Section 9: Physical and Chemical Properties

Form:	Liquid Emulsion
Odor:	Slightly Sweet
Odor threshold:	No data
Color:	White
pH:	~7 to 9
Melting Point:	Zero centigrade
Boiling point:	100 centigrade
Density:	~8 pounds per gallon
Viscosity:	Not determined
Water solubility:	Partially soluble at room temperature
Water miscibility:	Miscible

---

## Section 10: Stability and Reactivity

### Reactivity

This product is stable under normal conditions.

### Chemical stability

This product is stable under normal conditions.

### Possibility of hazardous reactions

No hazardous reactions in particular.

### Conditions to avoid

This product is stable under normal conditions.

### Incompatible materials

Avoid metal salts.

### Hazardous decomposition products

Decomposition in a fire may produce carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>).

---

## Section 11: Toxicological Information

Information on toxicological effects

Detrimental health effects are not expected as long as correct industrial hygiene and safety protocols are followed.

Liquid emulsion Slightly sweet No data

White

~7to9

Zero centigrade

100 centigrade

~8 pounds per gallon

Not determined

Partially soluble at room temperature Miscible

---

## Section 12: Ecological Information

### Fish

Acute: OECD Guideline 203 static

Brachydanio rerio/LC50 (96 h): > 100 mg/l



**Aquatic invertebrates**

Acute: OECD Guideline 202, part 1 static

Daphnia magna/EC50 (48 h): > 100 mg/l

**Aquatic plants**

Toxicity to aquatic plants: OECD Guideline 201 green algae/EC50 (72 h): > 100 mg/l

Nominal concentration.

**Microorganisms**

Toxicity to microorganisms:

DIN EN ISO 8192-OECD 209-88/302/EEC, P. C activated sludge, domestic/EC20 (0.5 h): > 100 mg/l

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

**Degradability / Persistence**

**Biological / Abiological Degradation**

Product can be removed from water by absorption into activated sludge.

**Bioaccumulation**

Accumulation in organisms is not to be expected.

**Other adverse effects:**

None expected.

---

**Section 13: Disposal Considerations**

Waste treatment methods

Dispose of material in accordance with local, state and federal regulations.

---

**Section 14: Transportation Information**

Not classified as dangerous for land or sea transportation.

---

**Section 15: Regulatory Information**

DOT: Product is not classified as a hazard and does not sustain burning. IATA: Not regulated.

IMDG: Not regulated.

---

**Section 16: Other information**

All information set forth herein is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy or completeness of this information. No responsibility for personal injury or property damage to sellers, users or third parties caused by these materials is assumed. Such sellers or users assume all risks associated with this material.