

# StanChem Inc.

## SAFETY DATA SHEET

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### Section I –CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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**Product Name:** SC 6449  
**Product Description:** Vinyl-Acrylic Copolymer Emulsion

**Manufacturer's Name:** StanChem Inc.  
401 Berlin Street  
East Berlin, CT 06023

**Emergency Telephone Numbers:**  
CHEMTREC: 1-800-424-9300  
CHEMTREC (Outside the US): 01-703-527-3887  
Information Telephone Number: (860) 828-0571

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### Section II –HAZARDS IDENTIFICATION

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**Classification of the substance:**  
Skin Irritation: Category 2  
Eye Irritation: Category 2

**Hazard Pictogram:**



**Signal Word:** Warning

**Hazard Statements:** May be harmful if swallowed  
Causes mild skin irritation  
Causes eye irritation  
May cause respiratory irritation

**Precautionary Statements:**

**First Aid:**

**Inhalation:** Remove individual to fresh air. Consult a physician.  
**Skin:** Wash thoroughly with soap and water. Remove contaminated clothing.  
**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.  
**Ingestion:** Dilute with clear fluid, then immediately call a physician or the Poison Control Center

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### Section III -COMPOSITION/INFORMATION ON INGREDIENTS

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<u>SC6449</u>	<u>CAS REG NO.</u>	<u>AMT.(%)</u>
Polymer/Solids	Proprietary	51.0 – 54.0
Individual Residual Monomers	Not Required	<0.1
Water	7732-18-5	46.0 – 49.0

See Section VIII, Exposure Controls/Personal Protection

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**Section IV –FIRST AID MEASURES**

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**Inhalation:**

Move subject to fresh air.

**Eye Contact:**

Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.

**Skin Contact:**

Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

**Ingestion:**

If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

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**Section V – FIRE FIGHTING MEASURES**

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Flash Point	Noncombustible (Water Solution)
Auto-ignition Temp	Not Applicable
Lower Explosive Limit	Not Applicable
Upper Explosive Limit	Not Applicable

**Unusual Fire and Explosion Hazards:**

Polymers will not burn. However, dried polymer films are capable of burning. Material may spatter if temperatures exceed the boiling point (212°F). After the water is evaporated, decomposition or combustion of the dry solids may generate irritating vapors, monomers, hydrocarbons, CO and CO<sub>2</sub>.

**Special Firefighting Procedures:**

Wear self-contained breathing apparatus and full protective gear.

**Extinguishing Agents:**

Use extinguishing media appropriate for surrounding fire.

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**Section VI – ACCIDENTAL RELEASE MEASURES**

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**Steps to be Taken in Case Material is Released or Spilled:**

Contain spills immediately. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids and diking material to suitable containers for recovery or disposal.

**Caution:**

Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**Waste Disposal Method:**

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

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Section VII – HANDLING AND STORAGE INFORMATION

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**Storage Conditions:**

Keep from freezing; material may coagulate. The minimum recommended storage temperature for this material is 1° C/34° F. The highest recommended storage temperature for this material is 49° C/120° F.

**Handling:**

Avoid breathing of vapors. Handle in well-ventilated workspace. When handling, do not eat, drink, or smoke. Avoid contact with skin.

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Section VIII – PERSONAL PROTECTION/EXPOSURE CONTROL

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**Exposure Limit Information**

<u>Component</u>	<u>OSHA - PEL</u>	<u>OSHA - STEL</u>	<u>ACGIH – TWA</u>	<u>ACGIH - STEL</u>
Polymer/Solids	None	None	None	None
Individual residual monomers	Not Required	Not Required	Not Required	Not Required
Water	None	None	None	None

PEL – Personal Exposure Limit established by OSHA for 8-hour time period

STEL – Short Term Exposure Limit established by OSHA and ACGIH for 15-minute time period

TWA – Time Weighted Average established by ACGIH for 8-hour time period

**Engineering Controls (Ventilation):**

Use local exhaust ventilation with a minimum capture velocity of 100ft./min. (0.5 m/sec) at the point of vapor evolution.

**Respiratory Protection:**

Not required under normal conditions in a well-ventilated workplace. An organic vapor respirator National Institute for Occupational Safety and Health (NIOSH) approved for organic vapors is recommended under emergency conditions.

**Eye Protection:**

Chemical safety glasses.

**Hand Protection:**

Chemical resistant gloves.

**Other Protective Equipment:**

Facilities storing or utilizing this material should be equipped with an emergency shower and eyewash station.

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Section IX – PHYSICAL DATA

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Appearance	Milky Emulsion
Color	White/cream color
State	Liquid
Odor	Slight odor
Boiling Point	100° C (212° F)

StanChem, Inc.

Product: SC6449

Phone: (860) 828-0571

Date: 3/23/2021

Molecular Weight	Mixture
Specific Gravity (Water=1)	1.0-1.1
Vapor Density (Air=1)	<Water
Solubility in Water	Completely (100%)
Percent Volatility	46.0 – 49.0 % (Water)
pH	6.0 – 8.0
Viscosity	1000 – 1500 cps

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#### Section X – STABILITY AND REACTIVITY DATA

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##### Chemical Stability:

Stable at ambient temperatures. Coagulation may occur following freezing, thawing or boiling.

##### Incompatibility: (Conditions/Materials to avoid)

Strong oxidizers.

##### Hazardous Polymerization:

Will not occur.

##### Hazardous Decomposition Products:

Thermal decomposition may yield oxides of carbon.

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#### Section XI - TOXICOLOGICAL INFORMATION

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##### Primary Routes of Exposure

Eye Contact  
Skin Contact  
Inhalation  
Ingestion

##### Chronic (Long Term) Effects of Exposure

Product contains residual vinyl acetate, an IARC 2B possible human carcinogen. Vinyl acetate vapors have been shown to cause tumors in the respiratory tract of laboratory animals exposed to 600 ppm over a lifetime; 200 ppm causes irritation; 50 ppm produces no observable effect. There is no evidence of adverse effects to humans exposed to levels at or below the ACGIH TLV.

Target Organs: Skin

Carcinogen: No

##### Product Toxicology

Unlikely to cause harmful effects under recommended conditions of handling and use.

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#### Section XII - ECOLOGICAL INFORMATION

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##### Potential to Bioaccumulate:

Unknown

##### Aquatic Toxicity:

None established.

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Section XIII – DISPOSAL CONSIDERATIONS

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**Waste Disposal Methods:**

Disposal should be in accordance with local, state and national regulations.

**Empty Container Warnings:**

Empty containers may contain product residue; follow MSDS and label warnings even after the container has been emptied.

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Section XIV – TRANSPORTATION INFORMATION

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**DOT CLASSIFICATION**

**Proper Shipping Name:** Adhesives N.O.I.

**Identification Number:** N/A

**Hazard Class/Division:** N/A

**Packing Group:** N/A

The information provided herein may not include the impact of additional regulatory requirements (e.g. for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/or marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

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Section XV – REGULATORY INFORMATION

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**TSCA**

All components are on the TSCA inventory.

**California Proposition 65**

**Warning:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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Section XVI – OTHER INFORMATION

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**Hazard Rating Systems**

<b><u>NFPA 704*</u></b>		<b><u>HMIS**</u></b>		<b>Key:</b>	<b>0 - Insignificant;</b>
<b>Health:</b>	<b>0</b>	<b>Health:</b>	<b>1</b>	<b>1=Slight</b>	<b>2 = Moderate;</b>
<b>Flammability</b>	<b>0</b>	<b>Flammability</b>	<b>0</b>	<b>3=High</b>	<b>4= Extreme;</b>
<b>Reactivity</b>	<b>0</b>	<b>Reactivity</b>	<b>0</b>	<b>B= Eye Protection and gloves</b>	
				<b>Personal Protection</b>	<b>B</b>

\*National Fire Protection Association rating identifies the severity of hazards of material during a fire emergency (i.e., “on fire”)

\*\*Hazardous Materials Identification System, National Paint and Coatings Association rating applies to product “as packaged” (i.e., ambient temperature)

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