

# StanChem Inc.

## SAFETY DATA SHEET

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### Section I –CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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**Product Name:** SC 6643  
**Product Description:** Styrene-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>SC 6643</u>	<u>CAS REG NO.</u>	<u>AMT.(%)</u>
Polymer/Solids	Proprietary	50.0 – 51.0
Individual residual monomers	Not Required	< 0.1
Water	7732-18-5	49.0 – 50.0

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>No.</u>	<u>StanChem</u>	<u>PEL</u>	<u>STEL</u>
1	Polymer/Solids	None	None
2	Individual residual monomers	Not Required	Not Required
3	Water	None	None

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

STEL – Short Term Exposure Limit established by OSHA for 15-minute 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)
Molecular Weight	Mixture
Specific Gravity (Water=1)	1.0-1.1
Vapor Density (Air=1)	> 1
Solubility in Water	Completely (100%)
Percent Volatility	50.0 – 51.0 % (Water)
pH	9.0 – 10.0
Viscosity	25–300 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

**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 of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

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>NFPA 704*</b>		<b>HMIS**</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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**NOTICE**

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