

# StanChem Inc.

## SAFETY DATA SHEET

---

### Section I –CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

---

**Product Name:** SC 6640  
**Product Description:** Acrylic Copolymer Emulsion

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

**Emergency Telephone Numbers:**  
CHEMTREC: 1-800-424-9300  
Information Telephone Number: (860) 828-0571

---

### Section II –HAZARDS IDENTIFICATION

---

**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

---

### Section III -COMPOSITION/INFORMATION ON INGREDIENTS

---

| <u>SC 6640</u>               | <u>CAS REG NO.</u> | <u>AMT.(%)</u> |
|------------------------------|--------------------|----------------|
| Polymer/Solids               | Proprietary        | 47.0 – 48.0    |
| Individual residual monomers | Not Required       | < 0.1          |
| Water                        | 7732-18-5          | 52.0 – 53.0    |

See Section VIII, Exposure Controls/Personal Protection

---

#### Section IV –FIRST AID MEASURES

---

**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.

---

#### Section V – FIRE FIGHTING MEASURES

---

|                       |                                 |
|-----------------------|---------------------------------|
| 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.

---

#### Section VI – ACCIDENTAL RELEASE MEASURES

---

**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.

---

#### Section VII – HANDLING AND STORAGE INFORMATION

---

**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.

---

**Section VIII – PERSONAL PROTECTION/EXPOSURE CONTROL**

---

**Exposure Limit Information**

| <b><u>No.</u></b> | <b><u>StanChem 6640</u></b>  | <b><u>PEL</u></b> | <b><u>STEL</u></b> |
|-------------------|------------------------------|-------------------|--------------------|
| 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.

---

**Section X – PHYSICAL DATA**

---

|                            |                       |
|----------------------------|-----------------------|
| 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         | 52.0 – 53.0 % (Water) |
| pH                         | 8.5 – 9.5             |
| Viscosity                  | <100 cps              |

---

Section X – STABILITY AND REACTIVITY DATA

---

**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.

---

Section XI - TOXICOLOGICAL INFORMATION

---

**Primary Routes of Exposure**

Eye Contact  
Skin Contact  
Inhalation  
Ingestion

**Product Toxicology**

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

---

Section XII - ECOLOGICAL INFORMATION

---

**Potential to Bioaccumulate:**

Unknown

**Aquatic Toxicity:**

None established.

---

Section XIII – DISPOSAL CONSIDERATIONS

---

**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.

---

Section XIV – TRANSPORTATION INFORMATION

---

**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

---

Section XV – REGULATORY INFORMATION

---

TSCA

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

---

Section XVI – OTHER INFORMATION

---

Hazard Rating Systems

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

---

NOTICE

---

This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of StanChem's knowledge or obtained from sources believed by StanChem to be accurate. StanChem does not assume any legal responsibility for use or reliance upon same information. Customers are encouraged to conduct their own tests. For additional technical information contact StanChem.