## SECTION 1: IDENTIFICATION

### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** SC5174

### 1.2. Intended Use of the Product

Polymer suspension

### 1.3. Name, Address, and Telephone of the Responsible Party

**Company**

StanChem Inc.
401 Berlin St,
East Berlin, CT 06023 USA
(860) 828-0571

### 1.4. Emergency Telephone Number

**Emergency Number** : For Chemical Emergency Call CHEMTREC day or night
Within USA and Canada: 1.800.424.9300
Mexico: 1.800.681.9531
Outside USA and Canada: 1.703.527.3887 (collect calls accepted)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

**GHS-US/CA Classification**

GHS classification in accordance with 29 CFR 1910.1200.
Not a hazardous substance or mixture.

### 2.2. Label Elements

**GHS-US/CA Labeling**

No labeling applicable according to 29 CFR 1910.1200 and the Hazardous Products Regulations (HPR) SOR/2015-17.\

### 2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

### 2.4. Unknown Acute Toxicity (GHS-US/CA)

No additional information available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Component | CAS Reg. Number | Concentration |
|---|---|---|
| Vinyl Acrylic Copolymer | Confidential | 54.0 – 56.0 % |
| Water | 7732-18-5 | 44.0 – 46.0 % |

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First-aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
**Skin Contact:** Immediately drench affected area with water for at least 15 minutes. Remove contaminated clothing. Obtain medical attention if irritation develops or persists.
**Eye Contact:** Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**General:** Causes serious eye irritation.
**Inhalation:** Prolonged exposure may cause irritation.
**Skin Contact:** Prolonged exposure may cause skin irritation.
**Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva.
**Ingestion:** Ingestion may cause adverse effects.
**Chronic Symptoms:** None expected under normal conditions of use.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide ($CO_2$), alcohol-resistant foam, or dry chemical.
**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.
**Explosion Hazard:** Product is not explosive.
**Reactivity:** Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.
**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.
**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.
**Hazardous Combustion Products**: Carbon and nitrogen oxides.
**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

### 5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

#### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

### 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Precautions for Safe Handling:** Avoid contact with skin, eyes and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

### 7.3. Specific End Use(s)

Polymer suspension

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

### 8.2. Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Safety glasses.

**Materials for Protective Clothing:** Chemically resistant materials and fabrics.
**Hand Protection:** Wear protective gloves.
**Eye and Face Protection:** Chemical safety goggles or safety glasses with side shields.
**Skin and Body Protection:** Wear suitable protective clothing.
**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

| | | |
|---|---|---|
| **Physical State** | : | Liquid |
| **Appearance** | : | Mily Emulsion |
| **Odor** | : | Very slight, characteristic |
| **Odor Threshold** | : | No data available |
| **pH** | : | 4.0 – 5.5 |
| **Evaporation Rate** | : | No data available |
| **Melting Point** | : | 0°C (32°F) |
| **Freezing Point** | : | 0°C (32°F) |
| **Boiling Point** | : | 100°C (212°F) |
| **Flash Point** | : | Not Flammable |
| **Auto-ignition Temperature** | : | No data available |
| **Decomposition Temperature** | : | No data available |
| **Flammability (solid, gas)** | : | Not flammable |
| **Lower Flammable Limit** | : | No data available |
| **Upper Flammable Limit** | : | No data available |
| **Vapor Pressure** | : | No data available |
| **Relative Vapor Density at 20°C** | : | >1 (Air = 1) |
| **Relative Density** | : | No data available |
| **Specific Gravity** | : | 1.0 – 1.1 |
| **Solubility** | : | Miscible with water |
| **Partition Coefficient: N-Octanol/Water** | : | No data available |
| **Viscosity** | : | 300 – 1500 cps |

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity:
Hazardous reactions will not occur under normal conditions.

### 10.2. Chemical Stability:
Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of Hazardous Reactions:
Hazardous polymerization will not occur.

### 10.4. Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, and incompatible materials.

**10.5. Incompatible Materials:**
Strong acids, strong bases, strong oxidizers.

**10.6. Hazardous Decomposition Products:**
Thermal decomposition may produce: Carbon and nitrogen oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects - Product

**Acute Toxicity (Oral):** Not classified
**Acute Toxicity (Dermal):** Not classified
**Acute Toxicity (Inhalation):** Not classified
**LD50 and LC50 Data:**
No additional information available
**Skin Corrosion/Irritation:** Not classified
**Eye Damage/Irritation:** Causes eye irritation.
**Respiratory or Skin Sensitization:** Not classified
**Germ Cell Mutagenicity:** Not classified
**Carcinogenicity:** Not classified
**Specific Target Organ Toxicity (Repeated Exposure):** Not classified
**Reproductive Toxicity:** Not classified
**Specific Target Organ Toxicity (Single Exposure):** Not classified
**Aspiration Hazard:** Not classified
**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.
**Symptoms/Injuries After Skin Contact:** Prolonged exposure may cause skin irritation.
**Symptoms/Injuries After Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva.
**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.
**Chronic Symptoms:** None expected under normal conditions of use.
**Potential Adverse human health effects and symptoms:** Based on available data, the classification criteria are not met.

### 11.2. Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:** No data available

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General:** Not classified.

### 12.2. Persistence and Degradability

| **SC 5174** | |
|---|---|
| **Persistence and Degradability** | Not established. |

### 12.3. Bioaccumulative Potential

| **SC 5174** | |
|---|---|
| **Bioaccumulative Potential** | Not established. |

### 12.4. Mobility in Soil

No additional information available

### 12.5. Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Waste Treatment Methods:** Can be landfilled or incinerated, when in compliance with local regulations.
**Sewage Disposal Recommendations:** Do not dispose of waste into sewer.
**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations
**Additional Information:** Recover or recycle if possible.
**Ecology - Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

### 14.1. In Accordance with DOT

Not regulated for transport

### 14.2. In Accordance with IMDG

Not regulated for transport

### 14.3. In Accordance with IATA

Not regulated for transport

### 14.4. In Accordance with TDG

Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal Regulations

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

### 15.2. US State Regulations

**California Proposition 65**

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

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

| | | |
|---|---|---|
| **Date of Preparation or Latest Revision** | : | 07/28/2022 |
| **Other Information** | : | This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17. |

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