StanChem Inc.
SAFETY DATA SHEET

Section I –CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SC 6510
Product Description: Vinyl 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

Hazard Pictogram:

Signal Word: Warning

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

Section III –COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Product</th>
<th>CAS REG NO.</th>
<th>AMT.(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC 6510</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polymer/Solids</td>
<td>Proprietary</td>
<td>55.0 – 56.0</td>
</tr>
<tr>
<td>Vinyl Acetate</td>
<td>108-05-4</td>
<td>&lt; 0.8</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>44.0 – 45.0</td>
</tr>
</tbody>
</table>

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:
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>Noncombustible (Water Solution)</td>
</tr>
<tr>
<td>Auto-ignition Temp</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Lower Explosive Limit</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Upper Explosive Limit</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

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 CO2.

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

<table>
<thead>
<tr>
<th>No.</th>
<th>StanChem</th>
<th>PEL</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Polymer/Solids</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>2</td>
<td>Vinyl Acetate</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>2</td>
<td>Water</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

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
NE – Not Established

Engineering Controls (Ventilation):
Use local exhaust ventilation with a minimum capture velocity of 100 ft./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 IX – 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): <Water
Solubility in Water: Completely (100%)
Percent Volatility: 44.0 – 45.0% (Water)
pH: 2.0 – 5.0
Viscosity: 300 – 900 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 the transport of this material.

Section XV – REGULATORY INFORMATION

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 chemical(s) that are known to the State of California to cause cancer, birth defects or other reproductive harm.

Section XVI – OTHER INFORMATION

Hazard Rating Systems

<table>
<thead>
<tr>
<th>NFPA 704*</th>
<th>HMIS**</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health:</td>
<td>0</td>
<td>0 - Insignificant;</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
<td>1 = Slight, 2 = Moderate;</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
<td>3 = High, 4 = Extreme;</td>
</tr>
</tbody>
</table>

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.