Section 1: Product and Company Identification

Product Name: SAFE-GARD™ 4200 Elastomeric Roof Coating

Product #: 4200

Product Use: Latex Roof Coating – Viscous white liquid

Manufacturer: Visions Quality Coatings
4105 South Market Court Suite A,
Sacramento, CA 95834
Tel: 916-564-9121

Emergency Responders: CHEMTREC 800-424-9300

Section 2: Hazards Identification

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Signal Word: WARNING

Hazard Statement: May be harmful in contact with skin.
Causes eye irritation.
May be harmful if inhaled.
Suspected of causing cancer

GHS Pictograms

Precautionary Statements: Do not handle until all safety precautions have been read and understood. Observe good industrial hygiene practices.

Keep container closed when not in use. Do not transfer content to another container for storage. Leftover materials and containers must be disposed of in accordance with local rules and regulations.

Wash hands thoroughly. If skin irritation occurs, seek medical advice/attention.

SAFE-GARD™ 4200 Elastomeric Roof Coating SDS
In case of eye contact, rinse cautiously with water for several minutes. Seek medical attention if irritation persists.

CAUTION: Prolonged or repeated contact may dry skin and cause irritation of the eye and respiratory system.

Hazards Not Otherwise Classified

% of Mixture with Unknown Toxicity

≥ 60% of the mixture consists of ingredient(s) of unknown toxicity

### Section 3: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Est. Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITANIUM DIOXIDE*</td>
<td>13463-67-7</td>
<td>10-40%</td>
</tr>
<tr>
<td>ACRYLIC POLYMER*</td>
<td>Proprietary</td>
<td>10-40%</td>
</tr>
<tr>
<td>WATER*</td>
<td>7732-18-5</td>
<td>5-10%</td>
</tr>
</tbody>
</table>

*The exact percentage of composition has been withheld as a trade secret.

### Section 4: First Aid Measures

**Eye Contact**

In case of eye contact, rinse cautiously with water for several minutes. If irritation persists, seek medical attention.

**Skin Contact**

Immediately remove contaminated clothing or PPE and wash skin with soap and plenty of water. If skin irritation occurs, seek medical attention.

**Ingestion**

If swallowed, immediately rinse mouth. Do not induce vomiting without medical advice. Keep person under observation for any discomfort. Seek medical attention immediately or Poison Control Center.

**Inhalation**

Remove to fresh air. If breathing continues to be difficult or uncomfortable consult physician if any discomfort continues.

### Section 5: Fire Fighting Measures

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to the situation and surrounding environment. Alcohol resistant foam, Carbon dioxide, dry powder, water, or fog.

**Unsuitable Extinguishing Media**

No information available.

**Specific Hazards Arising**

Product is non-combustible but thermal decomposition may lead to release of irritating and toxic gases and vapors.

**Special Equipment for Firefighters**

As in any fire wear self-contained breathing apparatus and full protective clothing should be worn.
Section 6: Accidental Release Measures

**Personal Precautions**
Ensure adequate ventilation to prevent build-up of vapors. Use personal protective equipment (PPE), safety glasses, and respiratory protection.

**Emergency Procedures**
Prevent further spillage by stopping the flow of the material if safe to do so. For small spills, soak up with absorbent materials. For larger spills, dike area with absorbent material and scoop up liquids.

**Environmental Precautions**
Avoid entry into sewers and water ways. For waste disposal, see Section 13 of this SDS.

Section 7: Handling and Storage

**Handling**
Use only with adequate ventilation. KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor. Wear appropriate personal protective equipment. Wash thoroughly after handling. Observe good industrial hygiene practices.

**Storage**
Store upright in original sealed containers away from heat and flame. Avoid extreme temperatures and freezing.

Section 8: Exposure Controls and Personal Protection

**Exposure Guidelines**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDHL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 15 mg/m³ Total Dust</td>
<td>IDHL: 5000 mg/m³</td>
</tr>
<tr>
<td>13463-67-7</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Engineering Controls**
Ventilation systems, eye wash stations, showers.

**Personal Controls**

<table>
<thead>
<tr>
<th>Eye/Face</th>
<th>Wear appropriate safety glasses with side shield (goggles).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Protection</td>
<td>Wear protective gloves and protective clothing.</td>
</tr>
<tr>
<td>Respiratory Protection</td>
<td>In case of insufficient ventilation, or irritation is experienced, use NIOSH certified, air purifying respirators with N-, P-, or R- series particulate filter and organic vapor cartridges.</td>
</tr>
<tr>
<td>Hygiene Considerations</td>
<td>Observe good personal hygiene measures such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.</td>
</tr>
</tbody>
</table>

Section 9: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White viscous liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>6-9</td>
</tr>
<tr>
<td>Melting point/Freezing point</td>
<td>&lt; 0°C / 32°F</td>
</tr>
</tbody>
</table>
Boiling point/Boiling point range >100°C / 212°F
Flash point >100°C / 212°F
Flammability No information available
Vapor pressure No information available
Vapor density No information available
Viscosity 80-120 Ku @ 85°F
Relative Density 1.1 – 1.3
Solubility No information available
Evaporation Rate Similar to latex paint
Partition Coefficient No information available
Auto Ignition Temperature No information available
Decomposition Temperature No information available

Section 10: Stability and Reactivity

Reactivity This product is non-reactive under normal conditions of use, storage, and transport.

Chemical Stability Material is stable under normal conditions.

Possibility of Hazardous None under normal processing.
Reaction

Conditions to Avoid Avoid extreme temperatures.

Incompatible Materials Avoid contact with strong oxidizing agents and strong acids

Hazardous Decomposition Thermal decomposition may produce gases hazardous to health.

Section 11: Toxicological Information

Inhalation May cause irritation to respiratory tract.

Ingestion No information available.

Skin contact Chronic exposure or repeated contact may cause skin irritation or allergic reaction with susceptible persons.

Eye contact Direct contact with eyes may cause temporary irritation.

Known Chemicals

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 7732-18-5</td>
<td>&gt; 90 mL/kg ( Rat )</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Titanium Dioxide 13463-67-7</td>
<td>&gt; 10000 mg/kg ( Rat )</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Information on Toxicological effects

Symptoms May cause an allergic skin reaction. May cause redness and tearing of the eyes. Coughing and/ or wheezing. May cause skin irritation

Delayed and immediate effects as well as chronic effects from short- and long-term exposure

Sensitization May cause sensitization by skin contact

Germ cell mutagenicity No information available

SAFE-GARD™ 4200 Elastomeric Roof Coating SDS
Carcinogenicity

This product contains titanium dioxide which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is a liquid. The table below indicates whether each agency has listed any ingredients as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>-</td>
<td>Group 2B</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

*IARC (International agency for Research on Cancer)*
*Group 2B – Possibly Carcinogenic to Humans*
*Not Carcinogenic as a human carcinogen*
*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*
*X - Present*

Reproductive Toxicity  
No information available

STOT – single exposure  
Target Organs. Respiratory systems. Eyes

STOT – repeated exposure  
No information available

Target Organ Effects  
Eyes, Lungs, Respiratory systems, Skin

Aspiration Hazard  
No information available

ATEmix (oral)  
>10,000 mg/kg

ATEmix (dermal)  
>10,000 mg/kg

**Section 12: Ecological Information**

Ecotoxicity  
No information available

Persistence/Degradability  
No information available

Bio accumulative Potential  
No information available

Mobility in Soil  
No information available

Other Information  
This product is not classified as environmentally hazardous. However, this does not exclude possibility that large or frequent spills can have a harmful or damaging effect on environment. This product is miscible in water and will spread in water systems. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Section 13: Disposal Considerations**

Product  
Do not allow this product to drain into sewers/water supply.

Waste from Residues  
Dispose of in accordance with local regulations.

Contaminated Packaging  
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling and disposal.

Proper Disposal  
Review and follow all local, state, and federal regulations for proper disposal of latex paint products.
## Section 14: Transport Information

<table>
<thead>
<tr>
<th>DOT</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDG</td>
<td>Not regulated</td>
</tr>
<tr>
<td>IATA</td>
<td>Not regulated</td>
</tr>
<tr>
<td>IMDG</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

## Section 15: Regulatory Information

### International Inventories

<table>
<thead>
<tr>
<th>International Inventories</th>
<th>Complies</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td></td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td></td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td></td>
</tr>
<tr>
<td>IECSC</td>
<td></td>
</tr>
<tr>
<td>KECL</td>
<td></td>
</tr>
<tr>
<td>PICCS</td>
<td></td>
</tr>
<tr>
<td>AICS</td>
<td></td>
</tr>
</tbody>
</table>

### Legend:

- **TSCA**: United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDSL**: Canadian Domestic Substances List/Non-Domestic Substances List
- **EINECS/ELINCS**: European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- **ENCs**: Japan Existing and New Chemical Substances
- **IECSC**: China Inventory of Existing Chemical Substances
- **KECL**: Korean Existing and Evaluated Chemical Substances
- **PICCS**: Philippines Inventory of Chemicals and Chemical Substances
- **AICS**: Australian Inventory of Chemical Substances

### US Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

**California Proposition 65**

This product contains the following Proposition 65 chemicals

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide - 13463-67-7</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>
U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide 13463-67-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

This product is hazardous according to OSHA 29 CFR 1910.1200. With that said, this product does not present an immediate hazard, fire, pressure or reactivity hazards.

Section 16: Other Information

Issue Date: May 16, 2019
Revision Date: May 16, 2019

Disclaimer: This information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing storage, transportation, disposal and release, and is not to be considered a warranty or quality specification.