



## SAFETY DATA SHEET

### 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)

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	G

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.

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

None

% of Mixture with Unknown Toxicity

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

### Section 3: Composition/Information on Ingredients

Components	CAS #	Est. Weight %
TITANIUM DIOXIDE*	13463-67-7	10-40%
ACRYLIC POLYMER*	Proprietary	10-40%
WATER*	7732-18-5	5-10%

\*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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDHL
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> Total Dust	IDHL: 5000 mg/m <sup>3</sup>

Engineering Controls	Ventilation systems, eye wash stations, showers.
Personal Controls	
Eye/Face	Wear appropriate safety glasses with side shield (goggles).
Skin Protection	Wear protective gloves and protective clothing.
Respiratory Protection	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.
Hygiene Considerations	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.

## Section 9: Physical and Chemical Properties

Appearance	White viscous liquid
Odor	Slight
Odor Threshold	No information available
pH	6-9
Melting point/Freezing point	< 0°C / 32°F

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 Reaction	None under normal processing.
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

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-
Titanium Dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-

#### 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

## 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.

Chemical name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7	-	Group 2B	-	X

*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

DOT	Not regulated
TDG	Not regulated
IATA	Not regulated
IMDG	Not regulated

## Section 15: Regulatory Information

### International Inventories

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

### 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

Chemical Name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen

**U.S. State Right-to-Know Regulations**

<b>Chemical Name</b>	<b>New Jersey</b>	<b>Massachusetts</b>	<b>Pennsylvania</b>
Titanium dioxide 13463-67-7	X	X	X

**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**

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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.