

# SAFETY DATA SHEET

## White Roof Coating - Water Based

Issuing date: 2 Dec, 2022

Version 1

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### 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND THE COMPANY UNDERSTANDING:

**Product name:** White Roof Coating - Water based.

**Recommended use of the chemical  
and restrictions on use**

**Product code** 1701-H

**Product Type** Non-Flammable  
Synonyms none

**Recommended use** sealant

**Uses advised against**

**Suppliers details** Hercules Products, Inc.  
6596 New Peachtree Rd.  
Doraville, GA 30340  
770-303-0878

**Emergency telephone number** 770-595-3601

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### 2. HAZARDS IDENTIFICATION:

#### **Classification**

#### **OSHA Regulatory Status**

Skin corrosion / irritation	Category 2
Serious eye damage / eye irritation	Category 2
Skin sensitizer	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 3

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### 3. COMPOSITION / INFORMATION OF INGREDIENTS:

**Chemical Name** **CAS No.**

Calcium carbonate	471-34-1
Titanium Dioxide	13463-67-7
Acrylic Polymers(s)	
Polyurethane Polymer blend	
Zinc Oxide	1314-13-2
Propylene Glycol	57-55-6

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

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#### 4. FIRST AID MEASURES:

##### **First aid measures for different exposure routes**

<b>General advice</b>	In case of accident or un-wellness, seek medical advice immediately. If symptoms persist, call a physician.
<b>Eye contact</b>	Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing. If eye irritation persists, consult a doctor.
<b>Skin contact</b>	Wash off with soap and plenty of water. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
<b>Ingestion</b>	Call a physician or Poison Control Center immediately. Do Not induce vomiting. Never give anything by mouth to an unconscious person.

**Protection of First-aiders**      Use personal protective equipment as required.

##### **Most important symptoms / effects, acute and delayed**

**Main Symptoms**      May cause redness and tearing of the eyes. Coughing / wheezing. May cause allergic skin reaction.

##### **Indication of immediate medical attention an special treatment needed, if necessary**

**Notes to physician**      Treat symptomatically.

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#### 5. FIRE FIGHTING MEASURES:

##### **Suitable Extinguishing Media**

Water fog. Dry chemical. Foam. Carbon dioxide (CO2).

##### **Unsuitable Extinguishing Media**

None known.

### **Specific hazards arising from the chemical or mixture**

**Hazardous combustion**      The smoke may contain un-identified toxic / irritating compounds.

### **Protective Equipment and Precautions for Firefighters**

In the event of fire / or explosion do not breathe fumes. As in any fire, wear self-contained breathing apparatus pressure demand, MSHA-NIOSH (approved or equivalent) and full protective gear.

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## **6. ACCIDENTAL RELEASE MEASURES:**

### **Personal precautions, protective equipment and emergency procedures**

**Personal precautions**      Use with adequate ventilation to keep the exposure levels below the OELS. Follow safe handling advice and personal protective equipment recommendations.

### **Environmental precautions**

**Environmental precautions**      Report spills as required by local and federal regulations. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

### **Methods and materials for containment and cleaning up**

**Methods for Containment**      Contain with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains.

**Methods for cleaning up**

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## **7. HANDLING AND STORAGE:**

### **Precautions for safe handling**

**Advice on safe handling**      Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Technical measures /**

**Storage conditions**

Keep from freezing. Keep container tightly closed. Keep out of reach of children.

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**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

**Control Parameters**

**Exposure Guidelines**


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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and chemical properties**

**Physical state**

Liquid

**Appearance**

Opaque

Odor

ammonia

**Color**

White

Odor Threshold

**Property**

**Values**

**Remarks – Methods**

pH

6-9.5

Melting/freezing point

Boiling point/boiling range

212 deg. F

Flash Point

non-combustible

Evaporation rate

Flammability (solid, gas)

Flammability limits in air

Upper flammability limit

Lower flammability limit

Vapor pressure

Vapor density

Specific gravity  
Water solubility dispersible  
Partition coefficient: n-octanol/water  
Autoignition temperature  
Decomposition temperature  
Viscosity  
Explosive properties

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## 10. STABILITY AND REACTIVITY

### **Reactivity**

No dangerous reaction known under conditions of normal use.

### **Chemical stability**

Stable.

### **Possibility of hazardous reactions**

None under normal processing.

### **Incompatible Materials**

Strong oxidizing agents, strong acids, strong bases.

### **Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating and toxic vapors.

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## 11. TOXICOLOGICAL INFORMATION

### **Information on likely routes of exposure**

#### **Product Information**

<b>Inhalation</b>	May cause respiratory irritation.
<b>Eye contact</b>	May cause eye irritation.
<b>Skin contact</b>	Prolonged contact may cause skin irritation.

#### **Component Information**

<b>Chemical Name</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
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### **Information on Toxicological effects**

<b>Symptoms</b>	May cause allergic skin reaction. May cause redness and tearing of eyes. Coughing / wheezing. May cause skin irritation.
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### **Delayed and immediate effects as well as chronic effects from short and long- term exposure**

**Skin corrosion / irritation**

**Eye damage / irritation**

**Sensitization**

<b>Germ cell mutagenicity</b>	Not a germ mutagen.
<b>Carcinogenicity</b>	
<b>Reproductive toxicity</b>	
<b>Specific target organ systemic toxicity (single exposure)</b>	May cause respiratory irritation.
<b>Specific target organ systemic toxicity (repeated exposure)</b>	
<b>Chronic toxicity</b>	
<b>Target Organ effects</b>	
<b>Neurological effects</b>	
<b>Aspiration hazard</b>	

#### **Numerical measures of toxicity – Product Information**

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### **12. ECOLOGICAL INFORMATION**

#### **Eco-toxicity**

Toxic to aquatic life with long lasting effects.

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### **13. DISPOSAL CONSIDERATIONS**

<b><u>Waste treatment</u></b>	Coagulate the material by stepwise addition of lime. Remove the clear supernatant and flush into a chemical sewer.
<b>Waste Disposal Methods</b>	Dispose of in accordance with federal, state and local regulations.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

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### **14. TRANSPORTATION INFORMATION**

<b>DOT Ground</b>	Not regulated
<b>IATA</b>	Not regulated

IMDG

Not regulated

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## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

#### SARA 311/313 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Star Hazard	Yes
Fire Hazard	No
Sudden Release Pressure Hazard	No
Reactive Hazard	No

### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act.

### CERCLA

This material, as supplied, does contain substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) 40 CFR 302).

### US State Regulations

#### California Proposition 65

This product can expose you to chemicals including those listed below, which are known to the State of California to cause cancer. For more information go to [WWW.P65Warnings.ca.gov](http://WWW.P65Warnings.ca.gov).

Titanium dioxide (13463-67-7), Quartz (14808-60-7).

EPA Pesticide Registration Number

Not Applicable

### Canada

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## 16. OTHER INFORMATION

NFPA	Health Hazard	2	Flammability	0	Instability	0	Physical and chemical Hazards –
HMIS	Health Hazard	2	Flammability	0	Physical Hazard	X	

**Prepared By** Hercules Products, Inc.  
6596 New Peachtree Rd.  
Doraville, GA 30340

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designated only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet