



## SAFETY DATA SHEET

### 2000 AC Bleed Resistant Top Coat

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

#### 1. Identification

##### Product identifier

**Product name** 2000 AC Bleed Resistant Cop Coat

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

**Application** Coating.

**Uses advised against** No specific uses advised against are identified.

##### Details of the supplier of the safety data sheet

**Manufacturer** Proguard Building  
2930 Supply Ave  
Commerce, CA 90040  
USA  
T: 800.575.8966  
E: sales@proguardbuilding.com

##### Emergency telephone number

**Emergency telephone** 832.922.2926

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

**OSHA Regulatory Status** This Product is Hazardous under the OSHA Hazard Communication Standard.

**Physical hazards** Not Classified

**Health hazards** Carc. 1A - H350

##### Label elements

##### Pictogram



**Signal word** Danger

**Hazard statements** H350 May cause cancer.

**Precautionary statements** P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P308+P313 If exposed or concerned: Get medical advice/ attention.  
P405 Store locked up.  
P501 Dispose of contents/ container in accordance with national regulations.

**Contains** Titanium Dioxide, Quartz (SiO<sub>2</sub>), Biocide - withheld as TRADE SECRET

##### Other hazards

This product does not contain any substances classified as PBT or vPvB.

#### 3. Composition/information on ingredients

##### Mixtures









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### Titanium Dioxide (CAS: 13463-67-7)

**Immediate danger to life and health** 5000 mg/m<sup>3</sup>

### Zinc oxide (CAS: 1314-13-2)

**Immediate danger to life and health** 500 mg/m<sup>3</sup>

### Silicon dioxide (CAS: 7631-86-9)

**Immediate danger to life and health** 3000 mg/m<sup>3</sup> 3000 mg/m<sup>3</sup>

### Quartz (SiO<sub>2</sub>) (CAS: 14808-60-7)

**Immediate danger to life and health** 50 mg/m<sup>3</sup> 25 mg/m<sup>3</sup>

### Ammonia (CAS: 1336-21-6)

**Immediate danger to life and health** 300 ppm

### Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with OSHA 1910.133. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. If inhalation hazards exist, a full-face respirator may be required instead.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

#### Other skin and body protection

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

#### Hygiene measures

Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

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<b>Respiratory protection</b>	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Mild. Amine.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point</b>	0°C (as water)
<b>Initial boiling point and range</b>	100°C (boiling point of water)
<b>Evaporation rate</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Not available.
<b>Vapor pressure</b>	17 mm Hg @ 20°C/68°F
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Specific Gravity</b>	1.2 - 1.5
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.
<b>Volatile organic compound</b>	< 50 g/liter

### 10. Stability and reactivity

<b>Reactivity</b>	See the other subsections of this section for further details.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

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<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

##### Respiratory sensitization

**Respiratory sensitization** Based on available data the classification criteria are not met.

##### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.  
The product contains a small amount of sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

##### Carcinogenicity

**Carcinogenicity** May cause cancer.

**IARC carcinogenicity** Contains a substance/a group of substances which may cause cancer. IARC Group 1 Carcinogenic to humans.

**NTP carcinogenicity** Contains: Silica, Crystalline (Respirable Size) Known human carcinogen.

##### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Based on available data the classification criteria are not met.

##### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.



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### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

**Aspiration hazard** Based on available data the classification criteria are not met.

### **General information**

May cause cancer after repeated exposure. Risk of cancer depends on duration and level of exposure. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

### **Inhalation**

Prolonged inhalation of high concentrations may damage respiratory system.

### **Ingestion**

Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.

### **Skin Contact**

Prolonged contact may cause dryness of the skin. Discoloration of the skin.

### **Eye contact**

May cause temporary eye irritation.

### **Route of entry**

Ingestion Inhalation Skin and/or eye contact

### **Target Organs**

No specific target organs known.

## 12. Ecological Information

### **Toxicity**

The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

### Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

### Bioaccumulative potential

**Bio-Accumulative Potential** No data available on bioaccumulation.

### **Partition coefficient**

Not available.

### Mobility in soil

### **Mobility**

No data available.

### Other adverse effects

**Other adverse effects** None known.

## 13. Disposal considerations

### Waste treatment methods

### **General information**

The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

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**Disposal methods** Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

### 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

**UN Number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

**DOT transport labels**

No transport warning sign required.

**Transport labels**

No transport warning sign required.

**Packing group**

Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**

No.

**Special precautions for user**

Not applicable.

**DOT TIH Zone** Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

**Regulatory References** OSHA Hazard Communication Standard 29 CFR §1910.1200

**US Federal Regulations**

**SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

None of the ingredients are listed or exempt.

**CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

The following ingredients are listed or exempt:

*Ammonia*

Final CERCLA RQ: 1000(454) pounds (Kilograms)

*methyl benzimidazol-2-yl carbamate*

Final CERCLA RQ: 10(4.54) pounds (Kilograms)

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*Biocide - withheld as TRADE SECRET*

Final CERCLA RQ: 100(45.4) pounds (Kilograms)

### **SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

None of the ingredients are listed or exempt.

### **SARA 313 Emission Reporting**

The following ingredients are listed or exempt:

*Ammonia*

1.0 %

*Zinc oxide*

1.0 %

*Biocide - withheld as TRADE SECRET*

1.0 %

*Biocide - withheld as TRADE SECRET*

1.0 %

### **CAA Accidental Release Prevention**

None of the ingredients are listed or exempt.

### **FDA - Essential Chemical**

None of the ingredients are listed or exempt.

### **FDA - Precursor Chemical**

None of the ingredients are listed or exempt.

### **SARA (311/312) Hazard Categories**

None of the ingredients are listed or exempt.

### **OSHA Highly Hazardous Chemicals**

None of the ingredients are listed or exempt.

### **US State Regulations**

#### **California Proposition 65 Carcinogens and Reproductive Toxins**

The following ingredients are listed or exempt:

*Benzophenone*

Known to the State of California to cause cancer.

*Silicon dioxide*

Known to the State of California to cause cancer.

*Titanium Dioxide*

Known to the State of California to cause cancer.

*Biocide - withheld as TRADE SECRET*

Known to the State of California to cause cancer.

#### **California Air Toxics "Hot Spots" (A-I)**

The following ingredients are listed or exempt:

*Silicon dioxide*

*Zinc oxide*

#### **California Air Toxics "Hot Spots" (A-II)**

None of the ingredients are listed or exempt.

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### California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

*Ammonia*

*Silicon dioxide*

*Zinc oxide*

*Biocide - withheld as TRADE SECRET*

### Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

*Ammonia*

*Limestone*

*Quartz (SiO<sub>2</sub>)*

*Silicon dioxide*

*Titanium Dioxide*

*Zinc oxide*

*Biocide - withheld as TRADE SECRET*

*Kaolin*

### Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

*Limestone*

*Quartz (SiO<sub>2</sub>)*

*Titanium Dioxide*

*Zinc oxide*

*Propane-1,2-diol*

*Biocide - withheld as TRADE SECRET*

*Kaolin*

### Minnesota "Right To Know" List

The following ingredients are listed or exempt:

*Benzophenone*

*Limestone*

*Quartz (SiO<sub>2</sub>)*

*Silicon dioxide*

*Titanium Dioxide*

*Zinc oxide*

*Propane-1,2-diol*

*Biocide - withheld as TRADE SECRET*

*Kaolin*

### New Jersey "Right To Know" List

The following ingredients are listed or exempt:

*Ammonia*

*Limestone*

*Quartz (SiO<sub>2</sub>)*

*Titanium Dioxide*

*Zinc oxide*

*Propane-1,2-diol*

*Biocide - withheld as TRADE SECRET*

*methyl benzimidazol-2-yl carbamate*

*Biocide - withheld as TRADE SECRET*

*Kaolin*

#### **Pennsylvania "Right To Know" List**

The following ingredients are listed or exempt:

*Ammonia*

*Limestone*

*Quartz (SiO<sub>2</sub>)*

*Silicon dioxide*

*Titanium Dioxide*

*Zinc oxide*

*Propane-1,2-diol*

*Biocide - withheld as TRADE SECRET*

*Kaolin*

#### **Inventories**

##### **US - TSCA**

All the ingredients are listed or exempt.

##### **US - TSCA 12(b) Export Notification**

The following ingredients are listed or exempt:

*Benzophenone*

**Note:** Based on information provided by our suppliers, this product is considered "DRC Conflict Free" as defined by the SEC Conflict Minerals Final Rule (Release No. 34-67716; File No. S7-40-10; Date: 2012-08-22).

#### **16. Other information**

**Classification abbreviations and acronyms**      Carc. = Carcinogenicity

**Training advice**      Read and follow manufacturer's recommendations. Only trained personnel should use this material.

**Revision date**      4/3/2017

**Revision**      2

**Supersedes date**      6/30/2016

**SDS No.**      5533

**Hazard statements in full**      H350 May cause cancer.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.