



# **Safety Data Sheet**

## **Reference: AV 307**

### **PERMAGARD Anti-beading**

Version 01  
April 2017  
Page 1/8

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## **1. Identification of the substance/mixture and of the supplier**

### **1.1. Product identification:**

**Trade name of the mixture:** PERMAGARD Anti-beading

**Product code:** AV 307.

**Product use:** Anti-beading.

### **1.2. Relevant identified use of the mixture and uses advised against:**

**Identified use:** Not available.

**Uses advised against:** None known.

### **1.3. Details of the supplier:**

**PERMAGARD LLC**  
7030 SW 47th Street  
Miami, Florida, 33155  
United States  
Phone: 305-662-5070  
Fax: 305-662-6070  
info@permagard.com

### **1.4. Emergency telephone number: 305-662-5070**

## **2. Hazards Identification**

### **2.1. Classification of the mixture:** Classification according to GHS Regulation.

- H315 Causes skin irritation

- H373 May cause damage to organs through prolonged or repeated exposure.

### **2.2. Label elements:** Label according to GHS System.

# Safety Data Sheet

## Reference: AV 307

### PERMAGARD Anti-beading

Version 01  
April 2017  
Page 2/8

---



**Hazard Pictogram:**

**Signal Word:** Warning.

**Hazard statement:**

- H315 Provokes Skin Irritation Cat. 2
- H373 May cause damage to organs through prolonged or repeated exposure.

**Hazardous components:** Alcohols, C16-18, ethoxylate d, Silica

**Safety Advice:** None.

**2.3. Other hazards:** Not assigned.

### **3. Composition/information on ingredients**

**3.1. Description:**

| Chemical Name                 | %    | CAS Number      |
|-------------------------------|------|-----------------|
| Silica                        | 5-10 | CAS: 7631-86-9  |
| Alcohols, C16-18, ethoxylated | 1-3  | CAS: 68439-49-6 |

### **4. First Aid Measures**

**General Information:** Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

# Safety Data Sheet

## Reference: AV 307

### PERMAGARD Anti-beading

Version 01  
April 2017  
Page 3/8

---

#### 4.1. Description of first aid measures:

**Inhalation:** Supply fresh air and call a physician if symptoms develop or persist.

**Skin contact:** Wash with water and soap and get medical attention if irritation develops and persists.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists. Get medical attention.

**If swallowed:** Get medical attention if symptoms occur.

**4.2. Most important symptoms and effects, both acute and delayed:** Irritation of eyes and mucous membranes. Prolonged exposure may cause chronic effects.

**4.3. Indication of any immediate medical attention and special treatment needed:** Not available.

#### 5. Firefighting measures

**General fire hazards:** Not available.

##### 5.1. Extinguishing media:

**Suitable extinguishing media:** Water, foam, dry power, and carbon dioxide.

**Unsuitable extinguishing media:** None.

**5.2. Special hazards arising from the substance or mixture:** Fire might product irritation, corrosive and/or toxic gases.

**Hazardous combustion products:** Carbon monoxide, carbon dioxide and other hydrocarbon fragments. Nitrogen Oxides (NO<sub>x</sub>), Sulphur oxides.

**5.3. Advice for fire fighters:** Wear self-contained breathing apparatus.

# Safety Data Sheet

## Reference: AV 307

### PERMAGARD Anti-beading

Version 01  
April 2017  
Page 4/8

---

## **6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures:**

#### **For non-emergency personal:**

- Eliminate all ignition sources (no smoking, flares, sparks, or flames) in immediate area.
- Keep unnecessary personnel away.
- Caution: Contaminated surfaces may be slippery.

**6.2. Environmental precautions:** Avoid discharge into drains, streams or onto the ground.

**6.3. Methods and material for containment and cleaning up:** Use a squeegee and scoop or sweep up. Wipe and place residues in a container with a lid and dispose in accordance with national and local regulations (See paragraph 13).

## **7. Handling and storage**

**7.1. Precaution for safe handling:** Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Use care in handling/storage. Avoid contact with skin and eyes. Avoid prolonged exposure. Provide good ventilation. Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

**7.2. Condition for safety storage, including any incompatibilities:** Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Keep away from food, drink and animal food. Use care in handling/storage. Store in accordance with local/regional/national/international regulation.

**STORAGE CONDITIONS:** PERMAGARD PRODUCTS NEED TO BE STORED BETWEEN 50°F (10°C) and 77°F (25°C) AND PROTECTED FROM LIGHT.

# Safety Data Sheet

## Reference: AV 307

### PERMAGARD Anti-beading

Version 01  
April 2017  
Page 5/8

---

**7.3. Specific end use(s):** Not available.

## **8. Exposure controls/personal protection**

**8.1. Control parameters:**

**Ingredients with limit values that require monitoring at the workplace:** Void.

**8.2. Exposure controls:**

**Appropriate engineering controls:** Good general ventilation.

**Individual protection measures, such as personal protective equipment:**

**General information:** Use personal protective equipment.

**Eye / face protection:** Wear eye / face protection.

**Skin protection**

- **Hand protection:** Wear protective gloves.

- **Other:** Wear suitable protective clothing.

**Respiratory protection:** Not available.

**Thermal hazards:** Not available.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practices.

## **9. Physical and chemical properties**

**Physical state:** Liquid

**Color:** Yellow

**Odor:** Characteristic

# Safety Data Sheet

## Reference: AV 307

### PERMAGARD Anti-beading

Version 01  
April 2017  
Page 6/8

---

**pH:** 7-9

**Flash point:** > 212°F (100°C)

**Density:** 1 g/cm<sup>3</sup>

**Solubility:** Miscible

**VOC (Weight %):** 10%

## **10. Stability and reactivity**

**10.1. Reactivity:** None under normal conditions.

**10.2. Chemical stability:** This product is stable under normal conditions.

**10.3. Possibility of hazardous reactions:** No dangerous reaction known under conditions of normal use.

**10.4. Conditions to avoid:** Avoid temperatures exceeding the flash point.

**10.5. Incompatible materials:** None known.

**10.6. Hazardous decomposition products:** At thermal decomposition temperatures, carbon monoxide and carbon dioxide. Nitrogen oxides (NO<sub>x</sub>). Sulphur oxides.

## **11. Toxicological information**

**General Information:** This product does not have any harmful effects in our experience and the information provided.

# Safety Data Sheet

## Reference: AV 307

### PERMAGARD Anti-beading

Version 01  
April 2017  
Page 7/8

---

## **12. Ecological Information**

**12.1. Toxicity:** Expected not to be harmful to aquatic organisms.

**12.2. Persistence and degradability:** Not available.

**12.3. Potential Bioaccumulation:** Not available.

**12.4. Mobility in soil:** Not available.

**12.5. Results of PBT and vPvB:** Not a PBT or vPvB mixture.

**12.6. Other adverse effects:** Not available.

## **13. Disposal consideration**

### **13.1. Waste treatments methods:**

**Residual waste:** Dispose in accordance with local regulations.

**Contaminated packaging:** Empty containers should be taken to an approved waste-handling center.

**Disposal methods/information:** Dispose containers in accordance with local/regional/national/international regulations.

## **14. Transport information**

**ADR:** Not regulated as dangerous goods.

**IATA:** Not regulated as dangerous goods.

**IMDG:** Not regulated as dangerous goods.

# Safety Data Sheet

## Reference: AV 307

### PERMAGARD Anti-beading

Version 01  
April 2017  
Page 8/8

---

#### **15. Regulatory information**

**15.1. Safety, health and environmental regulation/legislation specific for the mixture:** The product is classified and labelled in accordance with GHS system.

**15.2. Chemical safety:** Not available.

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

Not available.

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The information on this Data Sheet is accurate to the best of our knowledge as to the proper use and handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with other products or any other process is the responsibility of the user.

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