



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Hercules Plumber's Caulk –Silicone White and Clear

**Other means of identification**

**Product code** 7357E

**Synonyms** Part Numbers: White – 25676, Clear - 25686

**Recommended use** Caulk and sealant for use around tubs, sinks and other plumbing applications.

**Recommended restrictions** Do not use on applications where product will be submerged under water.

**Manufacturer/Importer/Supplier/Distributor information**

**Company Name** HCC Holdings, Inc. an Oatey Affiliate

**Address** 4700 West 160th Street  
Cleveland, OH 44135

**Telephone** 216-267-7100

**E-mail** info@oatey.com

**Transport Emergency** Chemtrec 1-800-424-9300 (Outside the US 1-703-527-3887)

**Emergency First Aid** 1-877-740-5015

**Contact person** MSDS Coordinator

## 2. Hazard(s) identification

**Physical hazards** Not Classified.

**Health hazards** Skin Corrosion/Irritation Cat 2

**OSHA defined hazards** Not Classified.

**Label elements**

**Hazard symbol** 

**Signal word** Warning

**Hazard statement** Causes Skin Irritation

**Precautionary statement**

**Prevention** Wear protective gloves. Wash hands thoroughly after handling.

**Response** IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention.

**Storage** Not applicable.

**Disposal** Not applicable.

**Hazard(s) not otherwise classified (HNOC)** Generates acetic acid during cure. Uncured product is irritating to eyes, skin, and respiratory system. Generates acetic acid during cure.

## 3. Composition/information on ingredients

### Mixtures

| Chemical name                                | CAS number | %       |
|----------------------------------------------|------------|---------|
| Silanetriol, 1-methyl-, 1,1,1-triacetate     | 4253-34-3  | 1 - 5   |
| Distillates (petroleum), hydrotreated middle | 64742-46-7 | 10 - 30 |
| Titanium Dioxide (White Sealant Only)        | 13463-67-7 | 0 - 5   |
| Dimethyl siloxane, hydroxyl terminated       | 70131-67-8 | 70 - 90 |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

#### 4. First-aid measures

|                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                              | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.                                                                                                                                                                                                                        |
| <b>Skin contact</b>                                                            | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Eye contact</b>                                                             | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Ingestion</b>                                                               | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| <b>Most important symptoms/effects, acute and delayed</b>                      | Skin or eye irritation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Indication of immediate medical attention and special treatment needed.</b> | Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>General information</b>                                                     | Note to physician, treat symptomatically.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

#### 5. Fire-fighting measures

|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Use dry chemical, CO <sub>2</sub> , alcohol-resistant foam or water spray (fog).                                                                                                                                                                                                                                                                                                    |
| <b>Unsuitable extinguishing media</b>                                | water jet                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Specific hazards arising from the chemical</b>                    | No specific fire or explosion hazard.                                                                                                                                                                                                                                                                                                                                               |
| <b>Special protective equipment and precautions for firefighters</b> | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                                                                                                                                                                                                                 |
| <b>Fire fighting equipment/instructions</b>                          | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Use water spray to keep fire-exposed containers cool. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. |
| <b>Specific methods</b>                                              | None                                                                                                                                                                                                                                                                                                                                                                                |
| <b>General fire hazards</b>                                          | None                                                                                                                                                                                                                                                                                                                                                                                |

#### 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".                                                               |
| <b>Methods and materials for containment and cleaning up</b>               | Large Spills: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 of SDS for emergency contact information and section 13 of SDS for waste disposal.<br>Small Spills: Move containers from spill area. Vacuum or sweep up material and place in a |

**Environmental precautions** designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 of SDS for emergency contact information and section 13 of SDS for waste disposal.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## 7. Handling and storage

**Precautions for safe handling** Put on appropriate personal protective equipment (see section 8 of SDS). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10 of SDS) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

| Components           | Type | Value   |
|----------------------|------|---------|
| Petroleum Distillate | TWA  | 5 mg/m3 |

#### US OSHA Permissible Exposure Limits

| Components           | Type | Value   |
|----------------------|------|---------|
| Petroleum Distillate | TWA  | 5 mg/m3 |

**Biological limit values** No Biological limits.

**Appropriate engineering controls** No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

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

**Eye/face protection** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

**Skin protection**

**Hand** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Other** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Thermal hazards** None.

**General hygiene considerations** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. Physical and chemical properties

### Appearance

Hercules Plumbers Caulk – Silicone - White and Clear  
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|                                              |                           |
|----------------------------------------------|---------------------------|
| Physical state                               | Solid.                    |
| Form                                         | Paste                     |
| Color                                        | White or translucent.     |
| Odor                                         | Acetic acid/vinegar smell |
| Odor threshold                               | Not available.            |
| pH                                           | Not applicable.           |
| Melting point/freezing point                 | Not applicable.           |
| Initial boiling point and boiling range      | Not determined            |
| Flash point                                  | > 199 °F (> 93.3 °C)      |
| Upper/lower flammability or explosive limits |                           |
| Flammability limit – lower (%)               | Not available             |
| Flammability limit – upper (%)               | Not available             |
| Explosive limit - lower (%)                  | Not available             |
| Explosive limit - upper (%)                  | Not available             |
| Vapor pressure                               | Not applicable            |
| Vapor density                                | Not applicable            |
| Relative density                             | 1.04 – 1.09               |
| Solubility(ies)                              |                           |
| Solubility (water)                           | Not available             |
| Partition coefficient (n-octanol/water)      | Not available             |
| Auto-ignition temperature                    | Not applicable            |
| Decomposition temperature                    | Not available             |
| Viscosity                                    | Not available             |
| Other information                            |                           |
| VOC (Weight %)                               | 36 g/L (< 2.8% by weight) |

## 10. Stability and reactivity

|                                   |                                                                                                      |
|-----------------------------------|------------------------------------------------------------------------------------------------------|
| Reactivity                        | Stable under normal conditions.                                                                      |
| Chemical stability                | The product is stable.                                                                               |
| Possibility of hazardous reaction | Under normal conditions of storage and use, hazardous reactions will not occur.                      |
| Conditions to avoid               | No specific data.                                                                                    |
| Incompatible materials            | No specific data.                                                                                    |
| Hazardous decomposition products  | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## 11. Toxicological information

### Information on likely routes of exposure

|                                                                              |                                                                                                                                           |
|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation                                                                   | Acute Toxicity estimates: > 10 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist<br>Method: Calculation.                           |
| Skin contact                                                                 | No known significant effects or critical hazards.                                                                                         |
| Eye contact                                                                  | No known significant effects or critical hazards.                                                                                         |
| Ingestion                                                                    | No known significant effects or critical hazards.                                                                                         |
| Symptoms related to the physical, chemical and toxicological characteristics | Eye – Pain, irritation, watering<br>Inhalation – No specific data.<br>Skin Contact – Irritation, redness<br>Ingestion – No specific data. |

### Information on likely routes of exposure

#### Acute Toxicity

| Components | Species | Results           |
|------------|---------|-------------------|
| Product    |         |                   |
| Skin       | Rabbit  | Moderate Irritant |
| Eyes       | Rabbit  | Mild Irritant     |

|                                  |                    |
|----------------------------------|--------------------|
| <b>Skin corrosion/irritation</b> | Moderate Irritant. |
|----------------------------------|--------------------|

|                                          |                                                                                                                                                                                                                                    |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Serious eye damage/eye irritation</b> | Mild Irritant.                                                                                                                                                                                                                     |
| <b>Respiratory or skin sensitization</b> |                                                                                                                                                                                                                                    |
| <b>Respiratory sensitization</b>         | Not considered a respiratory irritant                                                                                                                                                                                              |
| <b>Skin sensitization</b>                | This product is not expected to cause skin irritation.                                                                                                                                                                             |
| <b>Germ cell mutagenicity</b>            | No specific data                                                                                                                                                                                                                   |
| <b>Carcinogenicity</b>                   | Sufficient evidence of carcinogenicity in inhalation studies with animals for titanium dioxide exist. However, due to the titanium dioxide being inextricably bound in the silicone matrix, the likelihood of exposure is minimal. |
| <b>IARC</b>                              | Titanium Dioxide – 13463-67-7 Group 2B: Possibly carcinogenic to humans.                                                                                                                                                           |
| <b>OSHA</b>                              | No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.                                                                                       |
| <b>NTP</b>                               | No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.                                                                                       |
| <b>Reproductive toxicity</b>             | No known significant effects or critical hazards.                                                                                                                                                                                  |
| <b>Specific target organ toxicity</b>    |                                                                                                                                                                                                                                    |
| <b>Single exposure</b>                   | Contains Silanetriol, 1-methyl-, 1,1,1-triacetate. This is a Category 3, respiratory irritant.                                                                                                                                     |
| <b>Repeated exposure</b>                 |                                                                                                                                                                                                                                    |
| <b>Aspiration Hazard</b>                 | Contains Distillates (petroleum), hydrotreated – Which is a category 1 Aspiration Hazard. The likelihood of aspirating the product in this form is very low due to the high viscosity.                                             |
| <b>Chronic effects</b>                   | Not Classified.                                                                                                                                                                                                                    |

#### Further information

### 12. Ecological information

#### Ecotoxicity

| Product/ingredient name | Results                           | Species                               | Exposure |
|-------------------------|-----------------------------------|---------------------------------------|----------|
| Petroleum Distillates   |                                   |                                       |          |
|                         | Acute LC50 2,900 µg/l Fresh water | Fish - Rainbow trout, Donaldson trout | 96 h     |
|                         | Acute LC50 2,200 µg/l Fresh water | Fish - Bluegill                       | 96 h     |

|                                      |                                                   |
|--------------------------------------|---------------------------------------------------|
| <b>Persistence and degradability</b> | Not Available.                                    |
| <b>Bio accumulative potential</b>    | Not Available.                                    |
| <b>Mobility in soil</b>              | Not available.                                    |
| <b>Other adverse effects</b>         | No known significant effects of critical hazards. |

### 13. Disposal considerations

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal instructions</b>      | The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
| <b>Local disposal regulations</b> | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Hazardous waste code</b>       | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

### 14. Transportation information

|                                |               |
|--------------------------------|---------------|
| <b>DOT</b>                     | Not Regulated |
| <b>UN number</b>               |               |
| <b>UN Proper Shipping Name</b> |               |
| <b>Transportation Hazard</b>   |               |

|                               |               |
|-------------------------------|---------------|
| classes                       |               |
| Packing group                 |               |
| IATA                          | Not Regulated |
| UN number                     |               |
| UN Proper Shipping Name       |               |
| Transportation Hazard classes |               |
| Packing group                 |               |
| IMDG                          | Not Regulated |
| UN number                     |               |
| UN Proper Shipping Name       |               |
| Transportation Hazard classes |               |
| Packing group                 |               |
| Environmental hazards         |               |
| Marine pollutant              |               |

## 15. Regulatory information

|                             |                                                                                                                                                                                                                                                                      |                             |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| U.S. Federal regulations    | <b>TSCA 12(b) - Chemical export notification:</b> None required.<br><b>TSCA 5(a)2 - Final significant new use rules:</b> Not listed<br><b>TSCA 5(a)2 - Proposed significant new use rules:</b> Not listed<br><b>TSCA 5(e) - Substances consent order:</b> Not listed |                             |
| SARA 311/312                |                                                                                                                                                                                                                                                                      |                             |
| Classification              | Immediate (acute) health hazard,                                                                                                                                                                                                                                     |                             |
| US state regulations        |                                                                                                                                                                                                                                                                      |                             |
| California Prop 65          | This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.                                                                                                                              |                             |
| Canada                      |                                                                                                                                                                                                                                                                      |                             |
| WHMIS (Canada)              | Class D-2B: Material causing other toxic effects (Toxic).                                                                                                                                                                                                            |                             |
| International regulations   |                                                                                                                                                                                                                                                                      |                             |
| Country(s) or region        | Inventory Name                                                                                                                                                                                                                                                       | On inventory list (yes/no)* |
| Canada                      | DSL/NDSL                                                                                                                                                                                                                                                             | Yes*                        |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA 8b)                                                                                                                                                                                                                               | Yes                         |

\* At least one component is not listed in the DSL, but all such components are listed in the NDSL.

## 16. Other information, including date of preparation or last revision

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issue Date    | 12-May-2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Revision Date | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Version #     | 01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| HMIS Rating   | Health: 1<br>Flammability: 1<br>Physical Hazards: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Disclaimer    | HCC Holdings Inc. an Oatey Affiliate cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. |