



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

Inhalation	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.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Eye contact	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.
Ingestion	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.
Most important symptoms/effects, acute and delayed	Skin or eye irritation.
Indication of immediate medical attention and special treatment needed.	Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
General information	Note to physician, treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media	Use dry chemical, CO ₂ , alcohol-resistant foam or water spray (fog).
Unsuitable extinguishing media	water jet
Specific hazards arising from the chemical	No specific fire or explosion hazard.
Special protective equipment and precautions for firefighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Fire fighting equipment/instructions	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.
Specific methods	None
General fire hazards	None

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	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".
Methods and materials for containment and cleaning up	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. Small Spills: Move containers from spill area. 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.

Environmental precautions

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/m ³

US OSHA Permissible Exposure Limits

Components	Type	Value
Petroleum Distillate	TWA	5 mg/m ³

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
SDS #7357E Version #: 01 Revision date: Issue date: 12-May-2015

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 Exposure time: 4 h Test atmosphere: dust/mist 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 Inhalation – No specific data. Skin Contact – Irritation, redness Ingestion – No specific data.

Information on likely routes of exposure

Acute Toxicity

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

Skin corrosion/irritation Moderate Irritant.

Serious eye damage/eye irritation	Mild Irritant.
Respiratory or skin sensitization	
Respiratory sensitization	Not considered a respiratory irritant
Skin sensitization	This product is not expected to cause skin irritation.
Germ cell mutagenicity	No specific data
Carcinogenicity	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.
IARC	Titanium Dioxide – 13463-67-7 Group 2B: Possibly carcinogenic to humans.
OSHA	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.
NTP	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.
Reproductive toxicity	No known significant effects or critical hazards.
Specific target organ toxicity	
Single exposure	Contains Silanetriol, 1-methyl-, 1,1,1-triacetate. This is a Category 3, respiratory irritant.
Repeated exposure	
Aspiration Hazard	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.
Chronic effects	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

Persistence and degradability	Not Available.
Bio accumulative potential	Not Available.
Mobility in soil	Not available.
Other adverse effects	No known significant effects of critical hazards.

13. Disposal considerations

Disposal instructions 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.

Local disposal regulations	Not Applicable
Hazardous waste code	Not Applicable

14. Transportation information

DOT	Not Regulated
UN number	
UN Proper Shipping Name	
Transportation Hazard	

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 **TSCA 12(b) - Chemical export notification:** None required.
TSCA 5(a)2 - Final significant new use rules: Not listed
TSCA 5(a)2 - Proposed significant new use rules: Not listed
TSCA 5(e) - Substances consent order: 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
 Flammability: 1
 Physical Hazards: 0
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