

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Version: 1.3
Revision Date: 8/7/2020

Product Brand Name: Water Clear Silicone Sealant

Other Names/Synonyms: WCS1

Recommended Use: Sealant - Other

Uses advised against: No information available

Company Contact Information

C. R. Laurence Co., Inc.
2503 E. Vernon Ave.
Los Angeles, CA 90058
Telephone: (800)-421-6144

Emergency Telephone Number

CHEMTREC: 1-800-424-9300 (24 hours) or 1-703-527-3887

2. HAZARDS IDENTIFICATION

Classification: None base on IMO and DOT

Fire and Explosion: Not considered flammable nor combustible, but will burn if involved in a fire

Appearance: Transparent/colorless

Physical State: Paste Liquid

Odor: Acetic acid

Potential Health Effects:

Skin

Causes mild skin irritation

Eyes

Causes eye irritation

Inhalation

May cause irritation to mucous membranes and upper respiratory tract

Ingestion

No information is available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance: Mixture

Chemical Nature: Organopolysiloxane

*No hazardous materials present

4. FIRST AID MEASURES

General Advice: Show this safety data sheet to the doctor in attendance.

Eye Contact

Immediately flush with plenty of water for at least 15 minutes and promptly call a physician

Skin Contact

Immediately remove product from skin with dry cloth or towel, and wash exposed area with detergent

Inhalation

Remove to fresh air.

Ingestion

Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Foam, dry chemical, carbon dioxide or fine water spray

Unusual Fire and Explosion Data

None

Special Fire Fighting Procedure

None

6: ACCIDENTAL RELEASE MEASURES

Steps to be take in case material is released or spilled

Shut off all ignition sources. Wear appropriate protective equipment. Contain the spill or leak. Scrape up with rag and place in container.

7: HANDLING AND STORAGE

Precaution to be taken in handling and storing

Keep container closed when not in use. Store material in a cool place. Keep away from heat, sparks and flames. Do not lay the container on its side. Use only with adequate ventilation. Avoid prolonged breathing vapor. Avoid contact with eyes or skin. Contact lens wearers take appropriate precaution. Keep out of reach of children.

Emptied container

Do not reuse container. Keep away from heat, sparks, and flames. Do not puncture or cut this container, and do not weld on or near this container.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

ACGIH TLV	OSHA PEL	NIOSH IDLH
TWA: 10 ppm STEL: 15 ppm	TWA: 10 ppm (8 h) [Acetic acid; decomposed product]	-

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Ventilation

Local exhaust: Required
Mechanical (general): Adequate ventilation system
Special: Unknown
Other: Pay attention to ventilation such as local exhaust, mechanical and/or door open for at least 24 hours after application

Appropriate engineering controls

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Safety glasses

Skin and Body Protection

Wear protective gloves and protective clothing. Plastic film or rubber gloves

Respiratory Protection

Use air-supplied breathing apparatus unless local exhaust ventilation is adequate or decomposed product is within TLV and PEL guidelines

Hygiene Measures

Keep away from heat, sparks and flames. Avoid prolonged breathing vapor. Avoid contact with eyes and skin. Wash hands after handling.

9: PHYSICAL & CHEMICAL PROPERTIES

Physical Form: Paste, Liquid
Color: Colorless, transparent
Odor: Acetic
Odor Threshold: No information available
Appearance: Paste

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	UNKNOWN	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	<1	(Butyl Acetate=1)
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	Negligible	(25°C)
Vapor density	>1	None known
Specific Gravity	1.05	(25°C)
Water Solubility	Not soluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing Properties	No data available	

Other Information

Softening Point	No data available
VOC Content (g/L)	<1
Particle Size	No data available
Particle Size Distribution	No data available

10: STABILITY AND REACTIVITY

Reactivity

Stable

Chemical stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

None under normal processing

Hazardous Polymerization

Hazardous polymerization does not occur

Conditions to avoid

Exposure to air or moisture until ready to use; causes curing and acetic acid vapors form gradually

Incompatible materials

Water or moisture

Hazardous Decomposition Products

Water, moisture, or humid air can cause acetic acid. Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product: Carbon oxides and traces of incompletely burned carbon compounds; Silicon dioxide; Formaldehyde

11: TOXICOLOGICAL INFORMATION

Skin Irritation

20 mg/24 hours: Moderate [Acetic acid; decomposed product] (rabbit)

Eye Irritation

0.05 mg open: Severe [Acetic acid; decomposed product] (rabbit)

Acute Toxicity (LD 50)

3.31 g/kg: oral [Acetic acid; decomposed product] (rat)

5620ppm/1 hour: inhalation [Acetic acid; decomposed product] (mouse)

Chronic Toxicity

No information available

Carcinogenicity

NTP: Not listed
IARC: Not listed
OSHA: Not listed

Other information

No information available

12. ECOLOGICAL CONSIDERATION

- Ecotoxicity

The environmental impact of this product has not been fully investigated.
- Persistence and Degradability

No information available.
- Bioaccumulation

No information available
- Aquatic toxicity

No information available
- Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

- Waste treatment methods

Disposal methods

Can be land-filled for cured product or burned in a chemical incinerator equipped with an afterburner and scrubber. Do not dispose the emptied container unlawfully. Observe all federal, state, and local laws
- Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

IMO INFORMATION	
ID #	None
Classification	None
Class	None
Packaging Group	None
Proper Shipping Name	None
Technical Shipping Name	None
Marine Pollutant	None

DOT INFORMATION	
ID # (49CFR 172.101)	None
Hazard Class	None
Packing Group (49CFR 172.101)	None
Proper Shipping Name (49CFR 172.101)	None
Technical Shipping Name	None
DOT Reportable Quantity (49CFR 172.101)	None

15. REGULATORY INFORMATION

International Inventories

TSCA Listed on TSCA inventory

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

US State Regulations

California Proposition 65

Toluene: CAS# 108-88-3 (0.1%)

16. OTHER INFORMATION

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text

<http://www.crlaurence.com/default.aspx>