

SAFETY DATA SHEET

Conforms to OSHA HazCom 2024 Standard

SECTION 1: IDENTIFICATION**1.1 PRODUCT IDENTIFIER**

R15GPS

1.2 CHEMICAL NAME

Extended Acetoxy Silicone

1.3 SYNONYMS

General Purpose Silicone Sealant with Fungicide

1.4 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Industrial Use Adhesive and Sealant.

1.5 NAME, ADDRESS, AND TELEPHONE OF MANUFACTURER

R2 Sealant Systems
3410 Millennium Blvd SE
Massillon, Ohio 44646
330-880-4700

1.6 EMERGENCY TELEPHONE NUMBER

CHEMTREC (24/7): 1-800-424-9300

SECTION 2: HAZARD IDENTIFICATION**2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR 1910.1200**

Reproductive Toxicity, Category 2

2.2 LABEL ELEMENTS**2.2A SIGNAL WORD**

WARNING!

2.2B HAZARD STATEMENT

Suspected of damaging fertility or the unborn child.

2.2C HAZARD PICTOGRAMS**2.2D PRECAUTIONARY STATEMENTS**

Use in a well-ventilated area. Wear impervious gloves/protective clothing/eye protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. IF ON SKIN: wash with plenty of water. IF IN EYES: 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 INHALED: remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, call a doctor. IF SWALLOWED: rinse mouth. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations.

2.3 HAZARDS NOT OTHERWISE CLASSIFIED

None known.

2.4 UNKNOWN ACUTE TOXICITY

Not applicable.

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**3.1 SUBSTANCE / MIXTURE**

Chemical Name	CAS Number	% by Weight*
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	64742-46-7	≤ 34%
Octamethyl Cyclotetrasiloxane	556-67-2	≤ 0.11%

*In accordance with paragraph (i) of §1910.1200, the range is due to batch-to-batch variability in the product of the mixture, or for a group of substantially similar mixtures with similar chemical composition.

SECTION 4: FIRST AID MEASURES**4.1 DESCRIPTION OF FIRST AID MEASURES****4.1A INHALATION**

Move person to fresh air and keep comfortable for breathing. If feeling unwell, consult a physician.

4.1B SKIN

Wash off with plenty of water.

4.1C EYES

Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If symptoms occur, consult a physician.

4.1D INGESTION

If swallowed, rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel.

4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Skin contact may aggravate preexisting dermatitis.

SECTION 5: FIREFIGHTING MEASURES**5.1 EXTINGUISHING MEDIA**

Alcohol-resistant foam. Carbon dioxide (CO₂). Dry chemical. Water spray.

5.2 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Carbon oxides. Silicon oxides. Metal oxides.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Wear self-contained breathing apparatus for firefighting.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Follow safe handling advice and personal protective equipment recommendations. Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Wipe up or scrape up and contain for salvage or disposal. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. Use only with adequate ventilation.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep in properly labelled containers. Do not store with strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Chemical Name	Occupational Exposure Guidelines	
	OSHA	ACGIH-TLV
Methanol*	PEL: 200 ppm	200 ppm
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	Z-1: 2,000 mg/m ³ Z-1: 5.0 mg/m ³ (mist)	5.0 mg/m ³ (mist)
Octamethyl Cyclotetrasiloxane	Z-1: 5.0 mg/m ³ (mist)	n/a

**Methanol is not a component of the mixture; however, methanol is a byproduct that is released during curing.*

8.2 APPROPRIATE ENGINEERING CONTROLS

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

8.3 INDIVIDUAL PROTECTION MEASURES

Use safety glasses and chemical resistant gloves, such as nitrile or neoprene. Wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures without sufficient ventilation, use an approved air-purifying respirator with an organic vapor cartridge.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Paste
COLOR	Varies
ODOR	Acetic acid
MELTING POINT	No data available
FREEZING POINT	No data available
BOILING POINT	Not applicable
FLAMMABILITY	Not classified as a flammability hazard
LOWER/UPPER EXPLOSION LIMIT	No data available
FLASH POINT	>100°C (212°F), closed cup
AUTO-IGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available
pH	Not applicable
VISCOSITY	No data available
SOLUBILITY IN WATER	Not miscible
PARTITION COEFFICIENT n-OCTANOL/WATER	No data available
VAPOR PRESSURE	No data available
DENSITY	8.2 lbs./gal
RELATIVE VAPOR DENSITY	No data available
PARTICLE CHARACTERISTICS	No data available
VOC	<30 g/L, less water and exempt solvents

SECTION 10: STABILITY AND REACTIVITY**10.1 REACTIVITY**

Not classified as a reactivity hazard.

10.2 CHEMICAL STABILITY

Stable under normal conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Can react with strong oxidizing agents. When heated to temperatures above 150°C (300°F) in the presence of air, trace quantities of formaldehyde may be released. Adequate ventilation is required.

10.4 CONDITIONS TO AVOID

None known.

10.5 INCOMPATIBLE MATERIALS

Avoid contact with oxidizing materials.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Decomposition products can include and are not limited to: Formaldehyde.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 INFORMATION ON THE LIKELY ROUTES OF EXPOSURE**

Eye contact, skin contact, and ingestion.

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11.2 SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL, AND TOXIOLOGICAL CHARACTERISTICS

Very low toxicity if swallowed. Swallowing may result in irritation of the mouth, throat, and gastrointestinal tract. At room temperature, exposure to vapor is minimal due to low volatility. Vapor from heated material may cause respiratory irritation. May cause slight temporary eye irritation. Prolonged skin contact is unlikely to result in absorption of harmful amounts and is unlikely to cause significant skin irritation but may cause drying and flaking of the skin.

11.3 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

Suspected of damaging fertility or the unborn child.

11.4 NUMERICAL MEASURES OF TOXICITY

Chemical Name	Test Method	Species	Result
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	LD50, Oral	Rat	>5,000 mg/kg
Octamethyl Cyclotetrasiloxane	LD50, Oral	Rat	>4,800 mg/kg
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	LD50, Dermal	Rabbit	>2,000 mg/kg
Octamethyl Cyclotetrasiloxane	LD50, Dermal	Rabbit	>2,400 mg/kg
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	LC50, Inhalation	Rat	4-hour: >5.2 mg/l
Octamethyl Cyclotetrasiloxane	LC50, Inhalation	Rat	4-hour: 36 mg/l
R15GPS _{Mix} Estimate	LD50, Oral	Estimate	>5,000 mg/kg
R15GPS _{Mix} Estimate	LD50, Dermal	Estimate	>2,000 mg/kg

11.5 INTERACTIVE EFFECTS

None known.

11.6 CARCINOGENICITY

Not classified based on available information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 ECOTOXICITY

No data available.

12.2 PERSISTENCE AND DEGRADABILITY

No data available.

12.3 BIOACCUMULATIVE POTENTIAL

No data available.

12.4 MOBILITY IN SOIL

No data available.

12.5 OTHER ADVERSE EFFECTS

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 DESCRIPTION OF WASTE RESIDUES

Do not dump into any sewers, on the ground, or into any body of water.

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13.2 INFORMATION ON SAFE HANDLING AND METHODS OF DISPOSAL

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility of the waste generator. Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Do not re-use containers for any purpose.

SECTION 14: TRANSPORT INFORMATION**14.1 UN NUMBER**

Not regulated.

14.2 UN PROPER SHIPPING NAME

Not regulated.

14.3 TRANSPORT HAZARD CLASS

Not regulated.

14.4 ENVIRONMENTAL HAZARDS

Not regulated.

14.5 TRANSPORT IN BULK

Not regulated.

14.6 SPECIAL PRECAUTIONS

None known.

SECTION 15: REGULATORY INFORMATION**15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS****15.1A EPA SARA TITLE III HAZARD CLASS**

Suspected of damaging fertility or the unborn child.

15.1B OSHA HCS HAZARD CLASS

Suspected of damaging fertility or the unborn child.

15.1C TSCA

All components of this product are listed on TSCA inventory.

15.1D CANADIAN WHIMIS

This product is not a "controlled product".

15.1E CANADIAN DSL

All components of this product are listed on the Domestic Substance List.

15.1F CALIFORNIA PROPOSITION 65

This product can expose you to Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, <0.03% aromatics, which are known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information, visit

www.P65Warnings.ca.gov.

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SECTION 16: OTHER INFORMATION**PREPARATION DATE:** 03/16/2024**REVISION DATE:** 04/21/2026**VERSION:** 3.0

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