SAFETY DATA SHEET

Revision Date: 10/03/2018
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1. Identification Of The Substance / Preparation And Of The Company / Undertaking

Product Name	POWER TUBE RTV - Hi-Temp RED
Product Number	891.071
Recommended Use	Standard Acetoxy Silicone Sealant
Manufactured For	Winzer Corporation 4060 E. Plano Parkway Plano, TX 75074
Company Phone	1-800-527-4126
24 Hour Emergency Phone	INFOTRAC 1-800-535-5053 (US & Canada)

2. Hazards Identification

Classification Of The Substance Or Mixture

GHS04

Gases under pressure - compressed gas

H280 Contains gas under pressure; may explode if heated

GHS07

Skin Sensitization - 1

H317 May cause an allergic skin reaction

GHS08

STOT RE - 2 (oral)

Causes damage to blood through prolonged or repeated exposure

Label Elements

GHS label elements
The product is classified and labeled according to the Globally Harmonized System (GHS).

Signal Word Warning

Pictograms

Hazardous Statement(s) Contains gas under pressure; may explode if heated. May cause an allergic skin reaction
May cause damage to blood through prolonged or repeated ingestion.

Precautionary Statement(s)

Prevention	Do not breathe vapors. Contaminated work clothing must not be allowed out of the workplace. Wash thoroughly after handling. Wear protective gloves protection
Response	IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse. Get medical attention if you feel unwell.
Storage	Protect from sunlight. Store in a well-ventilated place.
Disposal	Dispose of contents and container in accordance with local and national regulations.

Hazard(S) Not Otherwise Classified (Hnoc) No information available.

Supplemental Information No information available.

3. Composition / Information On Ingredients

Chemical characterization Mixture

Chemical Name	CAS number	%
1,1-Difluoroethane	75-37-6	<1%
2-Butanone, O,O',O''- (methylsilylidyne) trioxime	22984-54-9	<5%
2-Butanone, O,O', O''- (ethenylsilylidyne) trioxime	2224-33-1	<1%
N-beta-(aminoethyl)-gamma aminopropyltrimethoxysilane	1760-24-3	<1%
Methyltri (ethylmethylketoxime) silane isomers and oligomers	not available	<1%

4. First Aid Measures

Inhalation	If symptoms of exposure develop, remove to fresh air. Seek medical attention if breathing problem or irritation persists.
Skin Contact	Wash exposed skin with soap and water for several minutes. If skin irritation or rash develops, seek medical attention.
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 advice or attention.
Ingestion	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
Most Important Symptoms/ Effects, Acute And Delayed	May cause an allergic skin reaction in some individuals. Vapors may cause mild respiratory irritation. Repeated or prolonged ingestion may cause damage to the blood, cardiovascular, and hematological system.
Indication Of Immediate Medical Attention And Special Treatment Needed	None known.

5. Fire-Fighting Measures

Suitable Extinguishing Media Use extinguishing media suitable for surrounding fire

Unsuitable Extinguishing Media	No information available.
Specific Hazards Arising From The Chemical	Not classified as flammable but contains a flammable propellant. Contents under pressure. Burning may produce very toxic, flammable formaldehyde; silicon oxides; carbon oxides. Exposure of containers to heat and flames can cause them to rupture often with violent force.
Special Protective Equipment & Precautions For Fire-Fighters	Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.

6. Accidental Release Measures

Personal Precautions, Protective Equipment, And Emergency Procedures	Ventilate the area. Wear appropriate protective clothing and equipment.
Environmental Precautions	Report release as required by local and national regulations.
Methods And Materials For Containment And Cleaning Up	Place leaking can in a pail in a well-ventilated area until pressure has dissipated. Collect residual liquid using inert absorbents and place into a suitable container for disposal.

7. Handling And Storage

Precautions For Safe Handling	Avoid contact with eyes and skin. Avoid breathing vapors or gas. Use only with adequate ventilation. Wash thoroughly with soap and water after handling. Contents under pressure, do not puncture or incinerate containers
Conditions For Safe Storage, Including Any Incompatibilities	Will evolve methyl ethyl ketoxime (MEKO) when exposed to water or humid air. Store in a cool, dry, well-ventilated area, away from incompatible materials. Do not store in direct sunlight or above 120°F. **U.F.C. (NFPA 30B) Level 1 Aerosol.**

8. Exposure Controls / Personal Protection

Occupational Exposure Limits

Chemical	Exposure Limit
1,1-Difluoroethane	1000 ppm TWA AIHA WEELs
2-Butanone, O,O', O''- (ethenylsilylidyne) trioxime	None established
2-Butanone, O,O',O''- (methylsilylidyne) trioxime	None established
N-beta-(aminoethyl)-gamma aminopropyltrimethoxysilane	None established
Methyltri (ethylmethylketoxime) silane isomers and oligomers	None established

Individual Protection Measures, Such As Personal Protective Equipment

Eye/Face Protection	Safety glasses are recommended if eye contact is possible.
Hand Protection	Wear impervious gloves to avoid skin contact.
Respiratory Protection	None under normal use conditions. For operations where the exposure limits may be exceeded, a NIOSH approved supplied air respirators recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134; all applicable laws and regulations; and good industrial hygiene practice.

Engineering Controls General ventilation should be adequate for normal use. For operations where the exposure limits may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits.

9. Physical And Chemical Properties

Appearance	
Physical State	Thick liquid under pressure
Form	Viscous paste
Color	Red
Odor	Slight
Odor Threshold	Not determined
pH	Not determined
Melting Point/Freezing Point	Not determined
Initial Boiling Point And Range	Not determined
Flash Point	Not applicable
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Not applicable
Upper/Lower Flammability Or Explosive Limits	
Flammibility Limit - Lower (%)	LEL: 3.7% (1,1-Difluoroethane)
Flammibility Limit - Upper (%)	18% (1,1-Difluoroethane)
Explosive Limit - Lower (%)	Not determined
Explosive Limit - Upper (%)	Not determined
Vapor Pressure	Not determined
Vapor Density	Not determined
Specific Gravity	1.05 (Liquid component)
Solubility (water)	Not determined
Partition Coefficient: N-Octanol/Water	Not determined
Auto-Ignition Temperature	Not determined
Decomposition Temperature	Not available
Viscosity	Not determined
Solvent content	Not determined
Organic solvents	Not determined
Water	Not determined
VOC content	Not determined
Solids content	Not determined

10. Stability And Reactivity

Reactivity	Not normally reactive. Stable under normal storage and handling conditions.
Chemical Stability	
Possibility Of Hazardous Reactions	Forms toxic chemicals on contact with strong oxidizing agents, strong bases, and strong acids. Will evolve methyl ethyl ketoxime (MEKO) when exposed to water or humid air.
Conditions To Avoid	Keep away from excessive heat, and open flames. Containers may rupture at temperatures > 120F (48.8C).
Incompatible Materials	Strong oxidizing agents, strong bases, and strong acids.
Hazardous Decomposition Products	Burning may produce formaldehyde; silicon oxides; carbon oxides.

11. Toxicological Information

Information On The Likely Routes Of Exposure

Inhalation	Vapors can irritate the throat and respiratory tract.
Ingestion	Swallowing may cause gastrointestinal disturbances.
Skin Contact	Contains 2-Butanone, O,O', O''- (ethenylsilylidyne) trioxime and 2-Butanone, O,O',O''- (methylsilylidyne) trioxime which may cause an allergic skin reaction.
Eye Contact	May cause mild irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Contains 2-Butanone, O,O', O''- (ethenylsilylidyne) trioxime, 2-Butanone, O,O',O''- (methylsilylidyne) trioxime, and distillates (petroleum), straight-run middle which may cause damage to the blood, cardiovascular, and hematological system through prolonged or repeated exposure.
Carcinogenicity Listing	None of the components listed is a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHAO,O',O''- (methylsilylidyne) trioxime, and distillates (petroleum), straight-run middle which may cause damage to the blood, cardiovascular, and hematological system through prolonged or repeated exposure.

Numerical Measures of Toxicity

Product ATE:	LD50 Oral > 2,000 mg/kg LD50 Dermal > 2,000 mg/kg LC50 Inhalation >5 mg/L
1,1-Difluoroethane	LC50 Inhalation Rat: 437,500ppm/4h
2-Butanone, O,O',O''-(methylsilylidyne) trioxime	LD50 Oral Rat 2,643 mg/kg LD50 Dermal Rat > 2,000 mg/kg
2-Butanone, O,O', O''-(ethenylsilylidyne) trioxime	LD50 Oral Rat > 2,000 mg/kg LD50 Dermal Rat > 2,009 mg/kg
N-beta-(aminoethyl)-gamma aminopropyltrimethoxysilane	LD50 Oral Rat 1,897 mg/kg LD50 Dermal Rabbit > 2,000 mg/kg LC50 Inhalation Rat: >1.49 - < 2.44 mg/L/4 hr

12. Ecological Information

Ecotoxicity

1,1-Difluoroethane: LC50 Fish 719.61 mg/L/ 96hr (Calculated)

2-Butanone, O,O',O''- (methylsilylidyne) trioxime:
LC50 Oncorhynchus mykiss (rainbow trout) > 120 mg/L/ 96hr
LC50 Daphnia magna (water flea) >120 mg/L/ 48hr

N-beta-(aminoethyl)-gamma aminopropyltrimethoxysilane:
LC50 Brachydanio rerio (zebrafish) 597 mg/L/ 96hr
LC50 Daphnia magna (water flea) 81 mg/L/ 48hr

Persistence and Degradability	No data available for product.
Bio-Accumulative Potential	No data available for product.
Mobility in Soil	No data available for product.
Other Adverse Effects	No data available for product.

13. Disposal Considerations

Waste treatment methods Dispose of in accordance with all local, state/provincial and federal regulations.

Uncleaned packagings Offer empty containers for recycling.

14. Transport Information

U.S. DOT Information

UN number	UN1950
UN proper shipping name	Aerosols, non-flammable
Transport hazard class(es)	
Class	2.2
Subsidiary risk	-
Label(s)	2.2
Packing group	-
Special precautions for user	None

IATA Information

UN number	UN1950
UN proper shipping name	Aerosols, non-flammable
Transport hazard class(es)	
Class	2.2
Subsidiary risk	-
Label(s)	2.2
Packing group	-
Environmental hazards	None
Special precautions for user	None

IMDG Information

UN number	UN1950
UN proper shipping name	Aerosols, non-flammable
Transport hazard class(es)	
Class	2.2
Subsidiary risk	-
Label(s)	2.2
Packing group	-
Environmental hazards	
Marine pollutant	No
Special precautions for user	None

Transport/Additional information Containers not to exceed 1L inner pack

15. Regulatory Information

US Federal Regulations

SARA Hazard Category (311/312) Classified under OSHA Hazcom 2012 GHS as per Section 2 of this SDS.

TRI Section 313 This product does not contain chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372)

CERCLA Section 103 This product has no RQ, however, oil spills must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA TSCA INVENTORY All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

Prop 65

Cancer	None
Reproductive harm	None
Developmental Toxicity	Methanol

16. Other Information

To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.