



61 SAFETY DATA SHEET

Date of Issue: 09/30/2014

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: POWER TUBE RTV - Hi-Temp RED

PRODUCT NUMBER: 891.071

PRODUCT USE: Standard Acetoxy Silicone Sealant

MANUFACTURED FOR: Winzer Corporation
4060 E. Plano Parkway
Plano, TX 75074

INFORMATION PHONE: 1-800-527-4126

24 HOUR EMERGENCY PHONE: INFOTRAC 1-800-535-5053

SECTION 2 – HAZARD(S) IDENTIFICATION

OSHA/HCS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

CLASSIFICATION:

Acute Toxicity: Oral - Category 4

Skin Corrosion/ Irritation - Category 2

Serious Eye Damage/ Irritation - Category 2

HAZARD SIGNAL WORD:

Warning

HAZARD STATEMENT(S):

Contains gas under pressure; may explode if heated.

Causes serious eye irritation.

Causes skin irritation.

PICTOGRAM SYMBOL(S):



PRECAUTIONARY STATEMENTS: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand. Wear protective gloves. Wear eye or face protection. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. 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. 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. STORAGE: Not applicable. Dispose of contents and container in accordance with all local, regional, national and international regulations.

HAZARDS NOT OTHERWISE CLASSIFIED: None known.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE/ MIXTURE: Mixture



OTHER MEANS OF IDENTIFICATION: Not available.

HAZARDOUS INGREDIENT	CAS #	PERCENT	PURE SUBSTANCE CLASSIFICATION
Triacetoxyethylsilane	17689-77-9	1-5%	Acute Toxicity (Oral) - Category 4 Skin Corrosion/ Irritation - Category 1B Serious Eye Damage/ Irritation-Category 1
Methylsilanetriyl triacetate	4253-34-3	1-5%	Acute Toxicity (Oral) - Category 4 Skin Corrosion/ Irritation - Category 1C Serious Eye Damage/ Irritation-Category 1
1,1-Difluoroethane	75-37-6	1-5%	Flammable Gases - Category 1 Gases Under Pressure - Liquefied gas

Any concentration shown as a percent range is to protect confidentiality or is due to batch variation.

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.

Occupational Exposure Limits, if available, are listed in Section 8.

SECTION 4 – FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES:

EYE CONTACT: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.

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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

SKIN CONTACT: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

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 necessary, call a poison center or physician. 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:

POTENTIAL ACUTE HEALTH EFFECTS:

EYE CONTACT: Causes serious eye irritation.

INHALATION: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

SKIN CONTACT: Causes skin irritation.

INGESTION: Harmful if swallowed. Irritating to mouth, throat and stomach.

OVER-EXPOSURE SIGNS/SYMPTOMS:

EYE CONTACT: Adverse symptoms may include the following: pain or irritation, watering, redness.

INHALATION: No known significant effects or critical hazards.

SKIN CONTACT: Adverse symptoms may include the following: pain or irritation, watering, redness.

INGESTION: No known significant effects or critical hazards.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:

NOTE TO PHYSICIAN: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

SPECIFIC TREATMENTS: No specific treatment.

PROTECTION OF FIRST-AIDERS: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See Toxicological Information (Section 11).

SECTION 5 – FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use an extinguishing agent suitable for the surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: No specific fire or explosion hazard.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, halogenated compounds, carbonyl halides, metal oxide/oxides

SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS: No special precaution is required.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6 – ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

FOR NON-EMERGENCY PERSONNEL: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

FOR EMERGENCY RESPONDERS: 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 nonemergency personnel".

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).

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

LARGE SPILL: Move containers from spill area. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

SMALL SPILL: Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Do not dry sweep. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7 – HANDLING AND STORAGE**PRECAUTIONS FOR SAFE HANDLING:**

PROTECTIVE MEASURES: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

ADVICE ON GENERAL OCCUPATIONAL HYGIENE:

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. Remove contaminated clothing and protective equipment before entering eating areas. 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) 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.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

US: None.

MEXICO:

INGREDIENT NAME	EXPOSURE LIMITS
Silicon dioxide	NOM-010-STPS (Mexico, 9/2000). LMPE-PPT: 3 mg/m ³ 8 hours. Form: breathable particulates LMPE-PPT: 10 mg/m ³ 8 hours. Form: inhalable particulates

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.

ENVIRONMENTAL EXPOSURE CONTROLS: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

INDIVIDUAL PROTECTION MEASURES:

HYGIENE MEASURES: 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. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

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 or gases. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

SKIN PROTECTION:

HAND PROTECTION: 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

BODY PROTECTION: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

OTHER SKIN PROTECTION: 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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

PHYSICAL STATE: Solid (Paste)	LOWER FLAMMABILITY LIMIT: N/A
COLOR: Red	VAPOR PRESSURE (mm Hg): N/A
ODOR: Acetic Acid Odor	VAPOR DENSITY (AIR=1): N/A
ODOR THRESHOLD: N/A	RELATIVE DENSITY: 1.007
MELTING POINT: N/A	SOLUBILITY: N/A
BOILING POINT: N/A	SOLUBILITY IN WATER: N/A
FLASH POINT (Closed Cup): >100°C (>212°F)	PARTITION COEFFICIENT: n-OCTANOL/WATER (KOW): N/A
BURNING TIME: N/A	AUTO-IGNITION TEMPERATURE: N/A
BURNING RATE: N/A	DECOMPOSITION TEMPERATURE: N/A
EVAPORATION RATE: N/A	SADT: N/A
FLAMMABILITY: N/A	VISCOSITY: N/A
UPPER FLAMMABILITY LIMIT: N/A	

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY: No specific test data related to reactivity available for this product or its ingredients.

CHEMICAL STABILITY: The product is stable.

POSSIBILITY OF HAZARDOUS REACTIONS: Under normal conditions of storage and use, hazardous reactions will not occur.

CONDITIONS TO AVOID: No specific data.

INCOMPATIBLE MATERIALS: Reactive or incompatible with the following materials: oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 – TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY:

INGREDIENT	RESULT	SPECIES	DOSE	EXPOSURE
Methylsilanetriyl triacetate	LD50 Oral	Rat	2060 mg/kg	-

IRRITATION/CORROSION:

INGREDIENT	RESULT	SPECIES	SCORE	EXPOSURE	OBSERVATION
Silica	Eyes - Mild irritant	Rabbit	-	24 hours 25 mg	-

SENSITIZATION: No data available.

MUTAGENICITY: No data available.

CARCINOGENICITY: No data available.

REPRODUCTIVE TOXICITY: No data available.

TERATOGENICITY: No data available.

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE): No data available.

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE): No data available.

ASPIRATION HAZARD: No data available.

INFORMATION ON THE LIKELY ROUTES OF EXPOSURE: Dermal contact. Eye contact. Inhalation. Ingestion.

POTENTIAL ACUTE HEALTH EFFECTS:

EYE CONTACT: Causes serious eye irritation.

INHALATION: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

SKIN CONTACT: Causes skin irritation.

INGESTION: Harmful if swallowed. Irritating to mouth, throat and stomach.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

EYE CONTACT: Adverse symptoms may include the following: pain or irritation, watering, redness.

INHALATION: No known significant effects or critical hazards.

SKIN CONTACT: Adverse symptoms may include the following: irritation, redness.

INGESTION: No known significant effects or critical hazards.

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE:**SHORT TERM EXPOSURE:**

POTENTIAL DELAYED EFFECTS: No known significant effects or critical hazards.

POTENTIAL IMMEDIATE EFFECTS: No known significant effects or critical hazards.

LONG TERM EXPOSURE:

POTENTIAL DELAYED EFFECTS: No known significant effects or critical hazards.

POTENTIAL IMMEDIATE EFFECTS: No known significant effects or critical hazards.

POTENTIAL CHRONIC HEALTH EFFECTS:

GENERAL: No known significant effects or critical hazards.

CARCINOGENICITY: No known significant effects or critical hazards.

MUTAGENICITY: No known significant effects or critical hazards.

TERATOGENICITY: No known significant effects or critical hazards.

DEVELOPMENTAL EFFECTS: No known significant effects or critical hazards.

FERTILITY EFFECTS: No known significant effects or critical hazards.

NUMERICAL MEASURES OF TOXICITY:

ACUTE TOXICITY ESTIMATES: There is no data available.

SECTION 12 – ECOLOGICAL INFORMATION**ECOLOGICAL INFORMATION:**

TOXICITY: There is no data available.

PERSISTENCE AND DEGRADABILITY: There is no data available.

BIOACCUMULATIVE POTENTIAL: There is no data available.

MOBILITY IN SOIL:

SOIL/WATER PARTITION COEFFICIENT (KOC): There is no data available.

OTHER ADVERSE EFFECTS: No known significant effects or critical hazards.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should 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. Care should be

taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 - TRANSPORT INFORMATION

DOT:

PROPER SHIPPING NAME: Aerosols, Flammable (each not exceeding 1 L capacity) (1,1-Difluoroethane)

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKAGING GROUP: -

ENVIRONMENTAL No

ADDITIONAL INFORMATION: Remarks: Limited Quantity Exemption

AIR SHIPMENT (IATA/ICAO):

PROPER SHIPPING NAME: Aerosols, Flammable (each not exceeding 1 L capacity) (1,1-Difluoroethane)

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKAGING GROUP: -

ENVIRONMENTAL No

ADDITIONAL INFORMATION: Remarks: Limited Quantity Exemption

SHIPPING BY WATER: VESSEL (IMO/IMDG):

PROPER SHIPPING NAME: Aerosols, Flammable (each not exceeding 1 L capacity) (1,1-Difluoroethane)

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKAGING GROUP: -

ENVIRONMENTAL No

ADDITIONAL INFORMATION: Remarks: Limited Quantity Exemption

SPECIAL PRECAUTIONS FOR USER: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available.

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

United States inventory (TSCA 8b): All components are listed or exempted.

Clean Air Act (CAA) 112 regulated flammable substances: 1,1-Difluoroethane.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed.

Clean Air Act Section 602 Class I Substances: Not listed.

Clean Air Act Section 602 Class II Substances: Not listed.

DEA List I Chemicals (Precursor Chemicals): Not listed.

DEA List II Chemicals (Essential Chemicals): Not listed.

SARA 302/304 COMPOSITION/INFORMATION ON INGREDIENTS: No products were found.

SARA 304 RQ: Not applicable.

SARA 311/312 Classification: Immediate (acute) health hazard.

INGREDIENT	%	Fire Hazard	Sudden Release of Pressure	Reactive
Triacetoxymethylsilane	1-5%	No	No	No
Methylsilanetriyl triacetate	1-5%	No	No	No

STATE REGULATIONS:

MASSACHUSETTS: The following components are listed: Silicon dioxide; 1,1-Difluoroethane

NEW YORK: None of the components are listed.

NEW JERSEY: The following components are listed: 1,1-Difluoroethane

PENNSYLVANIA: The following components are listed: Silicon dioxide



CALIFORNIA PROP 65: None of the components are listed.

INTERNATIONAL REGULATIONS:

Australia inventory (AICS): All components are listed or exempted.

China inventory (IECSC): All components are listed or exempted.

Japan inventory: Not determined.

Korea inventory: All components are listed or exempted.

Malaysia Inventory

(EHS Register): Not determined.

New Zealand Inventory

of Chemicals (NZIoC): All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted.

Taiwan inventory (CSNN): Not determined.

Chemical Weapons Convention List Schedule I Chemicals: Not listed.

Chemical Weapons Convention List Schedule II Chemicals: Not listed.

Chemical Weapons Convention List Schedule III Chemicals: Not listed.

NFPA HEALTH:	2	HMIS HEALTH:	2
NFPA FLAMMABILITY:	1	HMIS FLAMMABILITY:	1
NFPA REACTIVITY:	0	HMIS REACTIVITY:	0
NFPA OTHER:	None	HMIS PROTECTION:	B

SECTION 16 - OTHER INFORMATION

DATE OF ISSUE: 09/30/2014

KEY TO ABBREVIATIONS:

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

N/A = Not Applicable;

N/D = Not Determined.

Prepared by: Regulatory Affairs.

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