Material Safety Data Sheet

Section 1 Chemical Product and Company Identification

Manufacturer

Federal Process Corporation
4620 Richmond Road
Cleveland OH 44128
Emergency Telephone Number Call Chemtrec at 1-800-424-9300

Product Identifier:	Work Sav'r RTV Silicone Gasket Maker - Black
Product Name:	Caulks/Sealants
Product Class:	Aerosol Sealant

Section 2 Composition/Information on Ingredients

Additional information is provided in the Regulatory section of this document for Sara 313, California Proposition 65, and various state right-to-know laws.

Chemical Name	CAS #	OSHA PEL	ACGIH TLV
Propane	74-98-6	1000 ppm	2500 ppm
Butane	106-97-8	800 ppm	800 ppm
Ethyl Triacetoxysilane	17689-77-9	Not Established	Not Established
Methyl Triacetoxysilane	4253-34-3	Not Established	Not Established
Amorphous Silica	7631-86-9	6 mg/m3 as D	10

N/A = Not Available or Not Established

Section 3 Hazards Identification

HMIS HAZARD IDENTIFICATION

Health 1 Flammability 4 Reactivity 0

EMERGENCY OVERVIEW:
ROUTES OF EXPOSURE: Exposure may be by inhalation and/or skin or eye contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.
PHYSICAL HAZARDS: May become slippery if spilled on floor.
ACUTE HEALTH EFFECTS: Effects of overexposure: irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.
SIGNS AND SYMPTOMS OF OVEREXPOSURE: Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.
CHRONIC HEALTH EFFECTS: No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Reports have associated repeated and prolonged overexposure to solvents, with permanent brain and nervous system damage.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None generally recognized.

Section 4 First Aid Measures

INHALATION:	If affected, remove from exposure. Restore breathing. Keep warm and quiet.
INGESTION:	Do not induce vomiting, consult a physician immediately.
EYES:	Flush eyes immediately with large quantities of water for 15 minutes, lifting the lower and upper lids occasionally. Consult a physician.

SKIN: Wash affected area thoroughly with soap and water. If irritation develops or persists seek medical advice. Contaminated clothing should be washed prior to re-use.

Section 5 Fire Fighting Measures

EXTINGUISHING MEDIA: Foam (Aqueous Film Forming Foam) , dry chemical, carbon dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Isolate from heat, electrical equipment, sparks, and open flames. Closed containers may explode when exposed to extreme heat. Applications to hot surfaces require special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
FLASH POINT: Propellant < 0 F
LEL: 1.9
UEL: 9.5

Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Ventilate and remove with inert absorbent.
WASTE DISPOSAL METHOD: Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 7 Handling and Storage

DOL STORAGE CATEGORY – 1A
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.
During use and until all vapors are gone: Keep area ventilated. Do not smoke. Extinguish all flames, pilot lights, and heaters. Turn off stoves, electric tools and appliances, and any other sources of ignition.
Consult NFPA code. Use approved Bonding and Grounding procedures.
Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of reach of children.
OTHER PRECAUTIONS: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 8 Exposure Controls/Personal Protection

VENTILATION REQUIREMENTS: Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.
PERSONAL PROTECTION:
EYE: Wear safety glasses with unperforated sideshields.
GLOVES: None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.
RESPIRATORY: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
OTHER: Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using. This coating may contain materials classified as nuisance particulates (listed “as dust” in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg./m3 (respirable fraction).

Section 9 Physical and Chemical Properties

PHYSICAL STATE:	Sealant in pressurized can
ODOR AND APPEARANCE:	Slight vinegar odor
BOILING POINT:	< 0 – 34 F. (< -18 – 1C)
MELTING POINT:	Not Available
VAPOR DENSITY:	Heavier than air
WATER SOLUBILITY:	N/A
VOLATILE ORGANIC COMPOUNDS:	Volatile weight 4.76 % Less Federally Exempt Solvents
VOLATILE VOLUME:	8 %
EVAPORATION RATE:	Slower than ether
PRODUCT WEIGHT:	8.22 lb/gal (984 g/l)

Section 10 Stability and Reactivity

STABILITY: Stable.
CONDITIONS TO AVOID: None known.
INCOMPATIBILITY: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION: Will not occur.

Section 11 Toxicological Information

Exposure limits: The limits reported in Section 2 of this document refer to other physical forms of the ingredients present in this product. Limits for the formulated product have not been determined.

None of the components of this product have been reported as carcinogenic by NTP, OSHA or IARC.

Section 12 Ecological Information

General: Not expected to present any significant ecological problems.

Section 13 Disposal Information

Waste materials must be disposed of in accordance with your municipal, state, provincial and federal regulations. Contact the proper authorities for specific instructions.

Section 14 Transportation Information

DOT HAZARD CLASS:	Consumer Commodity ORM-D
PROPER SHIPPING NAME:	Consumer Commodity ORM-D
IDENTIFICATION NUMBER:	UN 1950

Section 15 Regulatory Information

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.
TSCA STATUS: All chemicals in this product are listed, or are exempt from listing, on the TSCA inventory.

Section 16 Other

The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. The Federal Process Corporation makes no warranty, either express or implied, including merchantability and fitness.
USER RESPONSIBILITY: Each user should read and understand this information and incorporate it into individual site safety programs in accordance with applicable hazard communication standards and regulations