

SAFETY DATA SHEET

(REVISED 10/17/2018 REV3)

SECTION 1: IDENTIFICATION

GHS product identifier: PRSI 308 VITON STRIP

Product Group: Viton Fluoroelastomer

Restrictions on use: None known

Supplier's details: SWORL, Inc.
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Hutto TX 78634
Phone: 512-846-2444 Fax: 512-846-2400
www.SWORL.net

Emergency phone number: CHEM-TEL 800-255-3924

SECTION 2: HAZARD(S) IDENTIFICATION

Potential Health Effects

Eyes

Barium sulfate

May irritate eyes. Dust may cause mechanical irritation with tearing, pain or visual impairment.

Inhalation

1-Propene, 1,1,2,3,3,3-Hexafluoro-, polymer with 1,1-difluoroethene and tetrafluoroethene

Inhalation of decomposition products from overheating may cause lung irritation or shortness of breath. Fluid in the lungs with coughing, wheezing, abnormal lung sounds, possibly progressing to severe shortness of breath and bluish discoloration of skin.

Repeated exposure

Barium sulfate

lung effects

Target Organs

Barium sulfate

Lungs

Carcinogenicity

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
1-propene, 1,1,2,3,3,3-hexafluoro-,polymer with 1,1-difluoroethene and tetrafluoroethene	25190-89-0	>98%
Barium sulfate	7727-43-7	<1%

SECTION 4: FIRST-AID MEASURES

Inhalation: Remove to fresh air. Seek medical attention if irritation persists.

Skin Contact: Wipe away excess material then wash with soap and water. Seek medical attention if irritation persists.

Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: If victim is conscious: drink water as a precaution. Consult a physician.

General Advice: When symptoms persist or in all cases of doubt seek medical advice.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable properties: Flash point: >204°C (>399°F) open cup.

Fire and Explosion hazards: Burning produces noxious and toxic fumes.

Suitable extinguishing media: Carbon dioxide (CO²), foam, water, dry chemical.

Firefighting Instructions: Wear self-contained breathing apparatus and protective suit. Wear Neoprene gloves during cleaning up after a fire. Evacuate personnel to safe areas. Do not allow run-off from fire fighting to enter drains or water courses. The solid polymer can be burned with difficulty.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear proper protective gear.

Containment: Prevent material from entering drains or water courses.

Methods for clean up: Sweep up to avoid a slipping hazard while observing all environmental regulations.

SECTION 7: HANDLING AND STORAGE

Handling: Protect from contamination. Provide appropriate exhaust ventilation to prevent dust build-up. Wash hands immediately after handling product. When using do not eat, drink, or smoke.

Storage: Store in clean, dry location away from heat or flames.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Mechanical ventilation in confined areas is recommended.

Personal Protective Equipment:

Respiratory	Not normally required with ventilation.
Hand	As required by company policy.
Eye	As required by company policy.
Hygiene	Wash with soap and water after contact.

Exposure Guidelines

Exposure Limit Values

Hydrogen fluoride (anhydrous)			
PEL:	(OSHA)	2.5mg/m ³	8 hr. TWA as F
PEL:	(OSHA)	3 ppm	TWA
TLV	(ACGIH)	0.5 ppm	TWA as F
TLV	(ACGIH)	2 ppm	TLV_C as F skin

Biological Exposure Indices

Hydrogen fluoride (anhydrous)			
BEI	(ACGIH)	2 mg/l fluorides/Urine prior to shift	
BEI	(ACGIH)	3 mg/l fluorides/Urine end of shift	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Sheets
Color:	Black
Specific Gravity:	1,81g/cm ³
Water solubility:	Insoluble

SECTION 10: STABILITY AND REACTIVITY

Conditions to avoid: Processing temperatures > 200°C (>392°F). Avoid heating for prolonged period above the upper processing limit. Hazardous decomposition products may be produced.

Incompatible: Powdered metals, Alkali metals, and Alkaline earth metals.

Hazardous decomposition: Hydrogen fluoride, Carbonyl fluoride, Fluorinated hydrocarbons, and Fluorinated olefins.

Hazardous reactions: Polymerization will not occur. During drying, cleaning and molding, small amounts of hazardous gases and/or particulate matter may be released that may irritate eyes, nose and throat.

SECTION 11: TOXICOLOGICAL INFORMATION

Information:	No data is available on the product itself.
1-Propene, 1,1,2,3,3,3-hexafluoro-,polymer	
Oral ALD	> 5,000 mg/kg, rat
Skin irritation	Non-irritant, rabbit
Barium sulfate	
Oral LD50	> 5,000 mg/kg, rat
Skin irritation	Non-irritant, human
Skin sensitization	None, human
Repeated dose toxicity	Inhalation, animal
Mutagenicity	None in animals
Reproductive toxicity	None in animals
Teratogenicity	None in animals

SECTION 12: ECOLOGICAL INFORMATION

1-Propene, 1,1,2,3,3,3-hexafluoro-,polymer	This substance is not expected to produce toxic effects.
48h EC50	Daphnia magna (Water flea) >232 mg/l
Additional information	No quantitative data exists concerning the ecological effects of this product.

SECTION 13: DISPOSAL AND CONSIDERATIONS

Waste Disposal: Dispose in accordance with all company and local regulations.

Packaging Disposal: Dispose of in accordance with all company and local regulations.

SECTION 14: TRANSPORTATION INFORMATION

**This product is not regulated for transport by land, sea or air.
This includes: US DOT, Canada TDG Surface, IMDG-Code, and ICAO-TI/IATA-DGR.**

SECTION 15: REGULATORY INFORMATION

This product contains no materials known to violate the following regulations:

**EINECS
TSCA
TSCA 12 (b)
AICS
DSL
ENCS (JP)
KECI (KR)
PICCS (PH)
INV (CN)
ISHL (JP)
NZIOC
NZ HSNO
CERCLA
SARA 302 EHS
SARA 311/312
SARA 313
HAPS
California proposition 65
Pennsylvania Right to Know
New Jersey Right to Know
RoHS**

SECTION 16: OTHER INFORMATION

Restrictions for use: Do NOT use this material in medical applications involving implantation in the human body or in contact with internal body fluids or tissues.

Users Responsibility/Disclaimer of Liability:

Disclaimer: The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. SWORL, Inc. assumes no responsibility for injury to vendee or third persons proximately cause by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.