

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Identification of the substance or preparation

Product name : MAX-SHIELD F9304  
General name : Dispensable Conductive Silicone Rubber Gasket

### 1.2 Company/undertaking identification

Name : TennVac Inc  
Address : 9F-3, No. 31-1, Lane 169, Kang-Ning Street, Xi-Zhi Dist., New Taipei City, Taiwan  
Fax : +886-2-2695-1187  
National contact : +886-2-2695-1213 ext. 115

**1.3 Emergency Telephone** : +886-2-2695-1213 ext. 115 (24h 7d per week)

## 2. HAZARDS IDENTIFICATION

### Potential Health Effects:

**Ingestion** : No adverse effects known

**Skin** : No adverse effects known

**Inhalation** : No adverse effects known

**Eyes** : May cause eye irritation

**Medical Conditions Aggravated** : None known

**Sub-chronic Effects** : None known

**Chronic Effects/ Carcinogenicity** : This product contains no carcinogens or suspected carcinogens, in concentrations of 0.1% or greater, as defined by OSHA, ACGIN, NTP, and IARC.

### Precautionary statement(s)

P305+P351+P338 : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 : Immediately call a Poison Center/doctor.

## 3. COMPOSTITION/INFORMATION OF INGREDIENTS

| Chemical Name        | Composition (%) | CAS No.    | EC No.    |
|----------------------|-----------------|------------|-----------|
| Polysiloxane         | >20             | 68083-19-2 | ---       |
| Trimethylated Silica | <5              | 68909-20-6 | ---       |
| Nickel               | 45-50           | 7440-02-0  | 231-111-4 |
| Synthetic Graphite   | 25-30           | 7782-42-5  | 231-955-3 |

#### 4. FIRST AID MEASURES

##### 4.1 Description of first aid measures

###### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

###### In case of skin contact

Wash off with soap and plenty of water.

###### In case of eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Protect uninjured eye.

###### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

##### 4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

##### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

#### 5. FIRE-FIGHTING MEASURES

### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Special hazards arising from the substance or mixture

Carbon oxides

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for fire-fighting if necessary.

### 5.4 Further information

No data available

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions

Avoid dust formation. Avoid breathing steam.

### 6.2 Environmental precautions

Do not let product enter drains.

### 6.3 Methods for cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4 Additional information

None

## 7. HANDLING AND STORAGE

### 7.1 Handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### 7.2 Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

### 7.3 Specific Uses

No data available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Components with workplace control parameters

## 8.2 Exposure controls

### Appropriate engineering controls

General industrial hygiene practice.

### Personal protective equipment

#### Eye/face protection

Tightly sealed safety glasses according approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Appearance

Physical state : Solid

### 9.2 Important health, safety and environmental information

|                              |                                |
|------------------------------|--------------------------------|
| PH (20 °C)                   | : No data available.           |
| Melting point/range (°C)     | : No data available.           |
| Boiling point/range (°C)     | : No data available.           |
| Flash point (°C)             | : No data available.           |
| Ignition temperature (°C)    | : No data available.           |
| Vapour pressure (°C)         | : Negligible.                  |
| Density (g/cm <sup>3</sup> ) | : >1.00g/cm <sup>3</sup> @25°C |
| Viscosity, dynamic           | : No data available.           |
| (mPa's) Dust explosion       | : No data available.           |
| Hazard explosion limits      |                                |

|                                 |                      |
|---------------------------------|----------------------|
| <b>Lower</b>                    | : No data available. |
| <b>Upper</b>                    | : No data available. |
| <b>Autoignition temperature</b> | : No data available. |
| <b>Decomposition</b>            | : No data available. |
| <b>Temperature viscosity</b>    | : No data available. |
| <b>Explosive properties</b>     | : No data available. |
| <b>Oxidizing properties</b>     | : No data available. |

### 9.3 Other safety information

No data available

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

No data available

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

Other decomposition products – no data available

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

No data available

#### Skin corrosion/irritation

No data available

#### Serious eye damage/ eye irritation

Causes serious eye damage (Category 1), H318

#### Respiratory or skin sensitization

No data available

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by

IARC.

**Reproductive toxicity**

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

**Potential health effects**

|            |   |
|------------|---|
| Inhalation | May be harmful if inhaled. May cause respiratory tract irritation.  |
| Ingestion  | May be harmful if swallowed.  |
| Skin       | May be harmful if absorbed through skin. May cause skin irritation. |
| Eyes       | Causes serious eye damage   |

**Signs and Symptoms of Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Additional Information**

RTECS: not available

**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

No data available

**12.2 Mobility**

**Known or predicted distribution to environmental compartments** Surface tension: No data.

**12.3 Persistence and degradability**

**Physical- and photo-chemical elimination biodegradation:**  
Available

**12.4 Results of PBT assessment**

This mixture is not classified as PBT/vPvB nor does it contain any substances classified as PBT/vPvB.

**12.5 Other adverse effects**

In case of strict observance of appropriate disposal methods, the product presents no special risk to the environment. Possible impact on sewage treatment plants: small impact of a probable damage.  
Do not release the product in the environment. Decant and purify polluted waste water before its release into the drains.

#### 12.6 Further ecological information

No harmful substances under normal use.

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

##### Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

##### Contaminated packaging

Dispose of as unused product

### 14. TRANSPORT INFORMATION

#### 14.1 Land transport (ADR/RID/GGVSE):

Official transport designation : No Data  
Class : No Data  
Classification Code : No Data  
UN-No. : No Data  
Packing group : Not restricted  
Hazard label : None  
Tunnel restriction code : No Data  
Special provisions : None

#### 14.2 Sea transport (IMDG-Code/GGVSee):

Proper Shipping Name : Not applicable  
Class : No data  
UN-No. : No data  
Packing group : Not restricted  
Marine Pollutant : No data  
Special provisions : None

#### 14.3 Air transport (ICAO-IATA/DGR):

Proper Shipping Name : Not applicable  
Class : No data  
UN-No. : No data  
Packing group : Not restricted  
Special provisions : None

### 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available

**15.2 Chemical Safety Assessment**

No data available

**16. OTHER INFORMATION**

**16.1 References** : None.

**16.2 Other information:** The above information is based on accurate data basis, because this information may be beyond our control case is applied or modified, and we do not bear any responsibility. This information in the recipient decided to material exclusive objective circumstances and configuration.