

**Silver-Filled Silicone RTV**

Product code(s): 72-00002; 72-00229; 72-00155; 72-00359; 72-00112F; 72-00115;  
72-00146B; 72-00146C; 72-00182; 72-00338; 72-11004; 72-00309; 72-90016

**SDS Revision Date (dd/mm/yyyy): 27/11/2012**

Page 1 of 11

## **SAFETY DATA SHEET**

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

### **SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAK**

**Product identifier** : **Silver-Filled Silicone RTV**  
**Product Code(s)** : 72-00002; 72-00229; 72-00155; 72-00359; 72-00112F; 72-00115; 72-00146B; 72-00146C;  
72-00182; 72-00338; 72-11004; 72-00309; 72-90016  
**SDS No.** : PHC-010 EU  
**Relevant identified uses of the substance or mixture and uses advised against**  
: Moisture cure adhesive / sealant.  
Use pattern: professional use.

**Details of the supplier of the safety data sheet:**

**Parker Hannifin France**

SAS-Etablissement de Saint Ouen l'Aumône-PA du vert  
Galant-6/8 avenue du Vert  
Galant-95310 Saint Ouen l'Aumône-France

Chomerics Europe  
Parker Hannifin Ltd., Seal Group  
Unit 6 Century Point  
Halifax Road, High Wycombe  
Bucks, HP12 3SL  
United Kingdom

**Telephone** : 033 (01) 34 32 39 00 (France); 044 (0) 1494 455 400 (UK)  
**Emergency Telephone Number**  
: 001-352-323-3500 (INFOTRAC)

### **SECTION 2. HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**

paste - silver/tan. Vinegar odour.

Most important hazards: The preparation is classified as dangerous in accordance with Directive 1999/45/EC.

Classification:

Xi - Irritant

R36/37/38 - Irritating to eyes, respiratory system and skin.

**Label elements**



**Irritant**

Hazardous components which must be listed on the label: None.

R36/37/38 - Irritating to eyes, respiratory system and skin.

S23 - Do not breathe fumes, vapour.

S25 - Avoid contact with eyes.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S46 - If swallowed, seek medical advice immediately and show this container or label.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S35 - This material and its container must be disposed of in a safe way.



**Silver-Filled Silicone RTV**

Product code(s): 72-00002; 72-00229; 72-00155; 72-00359; 72-00112F; 72-00115;  
72-00146B; 72-00146C; 72-00182; 72-00338; 72-11004; 72-00309; 72-90016

**SDS Revision Date (dd/mm/yyyy): 27/11/2012**

Page 2 of 11

## SAFETY DATA SHEET

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

### Other hazards

Other hazards which do not result in classification:

May slowly hydrolyze in the presence of water to: acetic acid. Upon completion of the curing process, these hydrolysis products are no longer released. When heated above 150°C in air, may release formaldehyde gas. Formaldehyde is an eye and throat irritant and acute toxicant. Formaldehyde may cause sensitisation by skin contact. Formaldehyde has shown limited evidence of a carcinogenic effect. Heating or fire can release toxic gas. Silver in the form of a finely divided dust may cause discoloration in contact with skin, and argyrosis in case of inhalation. Inhalation of fumes may result in metal fume fever, a flu-like illness.

Environmental precautions:

The product should not be allowed to enter drains, water courses or the soil. See ECOLOGICAL INFORMATION, Section 12.

PBT assessment: This preparation contains substances considered to be very persistent and very bioaccumulating (vPvB).

Contains: Octamethylcyclotetrasiloxane.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances

Not applicable

#### Mixtures

Chemical nature of the preparation: Mixture - Inorganic substances in powdered form; silane compounds.

The following substances shall be indicated according to legislation:

Chemical name	CAS #	EC No.	Concentration	EU Classification
Silver metal	7440-22-4	231-131-3	60.0 - 100.0	None assigned. Substances for which there are Community workplace exposure limits.
Polydimethylsiloxane	70131-67-8	Polymer	10.0 - 30.0	Xi - Irritant; R36/37/38 (self classified)
Silicon dioxide	7631-86-9	231-545-4	3.0 - 7.0	None assigned. Substances for which there are Community workplace exposure limits.
Methylsilanetriyl triacetate	4253-34-3	224-221-9	1.0 - 5.0	Xn - Harmful; R22 C - Corrosive; R34 (self classified)
Octamethylcyclotetrasiloxane	556-67-2	209-136-7	1.0 - 5.0	R53 Xn - Harmful; Repr.Cat.3;R62
Possible decomposition products in case of hydrolysis are:				
acetic acid	64-19-7	200-580-7	Not known.	R10 C - Corrosive; R35
The following ingredient is released from the product only when heated above 150°C:				
Formaldehyde	50-00-0	200-001-8	Not known.	T - Toxic; R23/24/25 C - Corrosive; R34 Xn - Harmful; Carc.Cat.3;R40 Xi - Irritant; R43

Note: May slowly hydrolyze in the presence of water to: acetic acid. Acetic acid and formaldehyde are not intentionally added to this product.

For the full text of the R phrases mentioned in this section, see Section 2 or 16.

Silver-Filled Silicone RTV

Product code(s): 72-00002; 72-00229; 72-00155; 72-00359; 72-00112F; 72-00115;  
72-00146B; 72-00146C; 72-00182; 72-00338; 72-11004; 72-00309; 72-90016

SDS Revision Date (dd/mm/yyyy): 27/11/2012

Page 3 of 11

## SAFETY DATA SHEET

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

### SECTION 4. FIRST-AID MEASURES

#### Description of first aid measures

- Ingestion* : Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label. Never give anything by mouth to an unconscious person.
- Inhalation* : If breathed in, move person into fresh air. If breathing is irregular or stopped, administer artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. When symptoms persist or in all cases of doubt seek medical advice.
- Skin contact* : Remove/Take off immediately all contaminated clothing. Wash off immediately with soap and plenty of water. When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothing before re-use.
- Eye contact* : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

- : Irritating to eyes, respiratory system and skin.  
Silver in the form of a finely divided dust may cause discoloration in contact with skin, and argyrosis in case of inhalation.  
May slowly hydrolyze in the presence of water to: acetic acid. Acetic acid is harmful. Upon completion of the curing process, these hydrolysis products are no longer released.  
When heated above 150°C in air, may release formaldehyde gas. Formaldehyde is an eye and throat irritant and acute toxicant. Formaldehyde may cause sensitisation by skin contact. Formaldehyde has shown limited evidence of a carcinogenic effect.

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

- : Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

- Suitable extinguishing media* : Carbon dioxide (CO<sub>2</sub>); Dry chemical; Alcohol-resistant foam.
- Unsuitable extinguishing media* : May react with water.

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

- : During cure, vapours are released which may be harmful. May slowly hydrolyze in the presence of water to: acetic acid. Upon completion of the curing process, these hydrolysis products are no longer released. The pressure in sealed containers can increase under the influence of heat. Burning produces obnoxious and toxic fumes. In the event of fire the following can be released: Carbon oxides; formaldehyde; Metal oxides; silicon oxides.

#### Advice for firefighters

- Protective equipment for fire-fighters* : Wear self-contained breathing apparatus and protective suit. Fight fire with normal precautions from a reasonable distance.
- Special fire-fighting procedures* : Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

- : Wear suitable protective equipment. Keep people away from and upwind of spill/leak.

#### Environmental precautions

- : Do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.



**Silver-Filled Silicone RTV**

Product code(s): 72-00002; 72-00229; 72-00155; 72-00359; 72-00112F; 72-00115;  
72-00146B; 72-00146C; 72-00182; 72-00338; 72-11004; 72-00309; 72-90016

SDS Revision Date (dd/mm/yyyy): 27/11/2012

Page 4 of 11

## SAFETY DATA SHEET

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

### Methods and material for containment and cleaning up

- : Ventilate the area. Prevent further leakage or spillage if safe to do so. Eliminate all ignition sources if safe to do so. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

### Reference to other sections

- : Refer to protective measures listed in sections 7 and 8. Refer to Section 13 for disposal of contaminated material.

## SECTION 7. HANDLING AND STORAGE

### Precautions for safe handling

- : Use only in well-ventilated areas. Wear protective gloves/clothing and eye/face protection. Do not breathe fumes or vapours. Avoid contact with skin, eyes and clothing. Keep away from heat. Keep away from acids and other incompatibles. Protect from moisture. Keep container tightly closed. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

- : Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Inspect periodically for damage or leaks. Protect against physical damage. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

### Specific end use(s)

- : Adhesives and/or sealants.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

<b>Exposure Limits:</b>			
<b>Chemical Name</b>	<b>Exposure Limits</b>	<b>Type</b>	<b>Notes</b>
acetic acid	10 ppm (25 mg/m <sup>3</sup> ) (TWA)	European Union (OEL)	None.
	10 ppm (25 mg/m <sup>3</sup> ) (STEL)	France (OEL)	None.
	10 ppm (25 mg/m <sup>3</sup> ) (TWA)	Germany (OEL)	(exposure factor 2 )
	25 mg/m <sup>3</sup> (TWA) 25 mg/m <sup>3</sup> (STEL)	Hungary (OEL)	None.
	10 ppm (25 mg/m <sup>3</sup> ) (TWA) 15 ppm (37 mg/m <sup>3</sup> ) (STEL)	Spain (OEL)	None.
Formaldehyde	0.5 ppm (TWA) 1 ppm (STEL)	France (OEL)	None.
	0.6 mg/m <sup>3</sup> (TWA) 0.6 mg/m <sup>3</sup> (STEL)	Hungary (OEL)	Potential for cutaneous absorption
	0.3 ppm (0.37 mg/m <sup>3</sup> ) (STEL)	Spain (OEL)	None.
	2 ppm (2.5 mg/m <sup>3</sup> ) (TWA) 2 ppm (2.5 mg/m <sup>3</sup> ) (STEL)	The United Kingdom (The United Kingdom (WELs))	None.
Methylsilanetriyl triacetate	None known.	European Union (OEL)	None.



**Silver-Filled Silicone RTV**

Product code(s): 72-00002; 72-00229; 72-00155; 72-00359; 72-00112F; 72-00115;  
72-00146B; 72-00146C; 72-00182; 72-00338; 72-11004; 72-00309; 72-90016

SDS Revision Date (dd/mm/yyyy): 27/11/2012

Page 5 of 11

## SAFETY DATA SHEET

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

<b>Octamethylcyclotetra-siloxane</b>	None known.	European Union (OEL)	None.
<b>Polydimethylsiloxane</b>	None known.	European Union (OEL)	None.
<b>Silicon dioxide</b>	4 mg/m <sup>3</sup> (inhalable); 0.3 mg/m <sup>3</sup> (respirable dust) (TWA)	Austria (OEL)	None.
	4 mg/m <sup>3</sup> (inhalable) (TWA)	Germany (OEL)	None.
	6 mg/m <sup>3</sup> (inhalable); 2.4 mg/m <sup>3</sup> (respirable dust) (TWA)	The United Kingdom (The United Kingdom (WELs))	None.
	18 mg/m <sup>3</sup> (inhalable); 7.2 mg/m <sup>3</sup> (respirable dust) (STEL)		
<b>Silver metal</b>	0.1 mg/m <sup>3</sup> (TWA)	European Union (OEL)	None.
	0.1 mg/m <sup>3</sup> (TWA)	France (OEL)	None.
	0.1 mg/m <sup>3</sup> (inhalable) (TWA)	Germany (OEL)	(exposure factor 8)
	0.1 mg/m <sup>3</sup> (TWA) 0.4 mg/m <sup>3</sup> (STEL)	Hungary (OEL)	None.
	0.1 mg/m <sup>3</sup> (TWA)	Spain (OEL)	None.
	0.1 mg/m <sup>3</sup> (TWA)	The United Kingdom (The United Kingdom (WELs))	None.

Note: May slowly hydrolyze in the presence of water to: acetic acid. Acetic acid and formaldehyde are not intentionally added to this product. The above exposure limits are provided for safety reasons.

### Exposure controls

#### **Ventilation and engineering measures**

- : Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

#### **Respiratory protection**

- : In the case of vapour formation use a respirator with an approved filter. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

#### **Skin protection**

- : Wear protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it.

#### **Eye / face protection**

- : Wear protective gloves and eye/face protection. Wear as appropriate: Safety glasses with side-shields conforming to EN166

#### **Other protective equipment**

- : Chemical resistant apron. Safety boots per regulations. Ensure that eyewash stations and safety showers are close to the workstation location.

#### **General hygiene considerations**

- : Do not breathe fumes or vapours. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.



Silver-Filled Silicone RTV

Product code(s): 72-00002; 72-00229; 72-00155; 72-00359; 72-00112F; 72-00115;  
72-00146B; 72-00146C; 72-00182; 72-00338; 72-11004; 72-00309; 72-90016

SDS Revision Date (dd/mm/yyyy): 27/11/2012

Page 6 of 11

## SAFETY DATA SHEET

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

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

Appearance	: paste - silver/tan
Odour	: vinegar-like
Odour threshold	: No information available.
pH	: No information available.
Flash point	: No information available.
Flashpoint (Method)	: No information available.
Lower flammable limit (% by vol.)	: No information available.
Upper flammable limit (% by vol.)	: No information available.
Flammability (solid, gas)	: Not applicable.
Auto-ignition temperature	: No information available.
Decomposition temperature	: No information available.
Oxidizing properties	: None known.
Explosive properties	: Not expected to be sensitive to mechanical impact or static discharge.
Initial boiling point and boiling range	: No information available.
Melting/Freezing point	: No information available.
Relative density	: 2.8
Solubility in water	: insoluble May react with water.
Other solubility(ies)	: No information available.
Vapour pressure	: No information available.
Vapour density	: No information available.
Partition coefficient: n-octanol/water	: No information available.
Viscosity	: No information available.
Evaporation rate (BuAe = 1)	: No information available.

#### Other Information

Volatiles (% by weight)	: < 2.0%
Volatile organic Compounds (VOC's)	: No information available.
Other physical/chemical comments	: No additional information.

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	: May slowly hydrolyze in the presence of water to: acetic acid. Upon completion of the curing process, these hydrolysis products are no longer released.
Chemical stability	: Stable under normal conditions. When heated above 150°C in air, may release formaldehyde gas.
Possibility of hazardous reactions	: Hazardous polymerisation does not occur.
Conditions to avoid	: Direct sources of heat. Avoid moisture. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials.
Incompatible materials	: Water; Oxidizing agents; Acids; Bases.



Silver-Filled Silicone RTV

Product code(s): 72-00002; 72-00229; 72-00155; 72-00359; 72-00112F; 72-00115;  
72-00146B; 72-00146C; 72-00182; 72-00338; 72-11004; 72-00309; 72-90016

SDS Revision Date (dd/mm/yyyy): 27/11/2012

Page 7 of 11

## SAFETY DATA SHEET

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

### Hazardous decomposition products

- : Burning produces obnoxious and toxic fumes. In the event of fire the following can be released: Carbon oxides; formaldehyde; metal oxides; silicon oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on Toxicological effects:

- Acute toxicity** : According to the classification criteria of the European Union, this product is not considered as being an acutely toxic chemical.
- Irritation** : The product is classified as dangerous in accordance with Directive 1999/45/EC.  
Classification:  
Xi - Irritant; R36/37/38 - Irritating to eyes, respiratory system and skin.
- Corrosivity** : According to the classification criteria of the European Union, this product is not considered as being a corrosive material.
- Sensitisation** : According to the classification criteria of the European Union, this product is not considered as being an allergic respiratory sensitiser.  
According to the classification criteria of the European Union, this product is not considered as being an allergic skin sensitiser. Avoid heating, which will result in the liberation of formaldehyde gas. Formaldehyde may cause sensitisation by skin contact.
- Mutagenicity** : Contains no ingredient listed as a mutagen.
- Carcinogenicity** : Not classifiable as a human carcinogen.  
Avoid heating, which will result in the liberation of formaldehyde gas. Formaldehyde has shown limited evidence of a carcinogenic effect.
- Reproductive toxicity** : Not classifiable as a reproductive toxin.
- Repeated dose toxicity** : According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through repeated doses.
- Toxicological data** : There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC<sub>50</sub>(4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Silver metal	No information available.	> 2000 mg/kg	No information available.
Polydimethylsiloxane	No information available.	No information available.	No information available.
Silicon dioxide	No information available.	3160 mg/kg	No information available.
Methylsilanetriyl triacetate	No information available.	1602 mg/kg	No information available.
Octamethylcyclotetrasiloxane	36,000 mg/m <sup>3</sup>	1540 mg/kg	> 2400 mg/kg
<b>Possible decomposition products in case of hydrolysis are:</b>			
acetic acid	4653 ppm	3310 mg/kg	1060 mg/kg
<b>The following ingredient is released from the product only when heated above 150°C:</b>			
Formaldehyde	287 ppm	800 mg/kg	300 mg/kg

**Routes of exposure** : Eye contact; Skin contact; Inhalation; Ingestion.





Silver-Filled Silicone RTV

Product code(s): 72-00002; 72-00229; 72-00155; 72-00359; 72-00112F; 72-00115;  
72-00146B; 72-00146C; 72-00182; 72-00338; 72-11004; 72-00309; 72-90016

SDS Revision Date (dd/mm/yyyy): 27/11/2012

Page 8 of 11

## SAFETY DATA SHEET

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

- Effects of acute exposure** :
- Inhalation: Irritating to respiratory system. Inhalation of fumes may result in metal fume fever, a flu-like illness. Symptoms of metal fume fever may include fever, fatigue, vomiting, muscle aches and shortness of breath. Avoid heating, which will result in the liberation of formaldehyde gas. Formaldehyde causes severe respiratory irritation, lung inflammation and pulmonary edema.
  - Skin contact: Irritating to skin.
  - Eye contact: Irritating to eyes.
  - Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- Potential Chronic Health Effects** :
- Silver in the form of a finely divided dust may cause discoloration in contact with skin, and argyrosis in case of inhalation.
- Other important hazards** :
- May slowly hydrolyze in the presence of water to: acetic acid. Acetic acid is harmful.

## SECTION 12. ECOLOGICAL INFORMATION

- Ecotoxicity** :
- No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters. May slowly hydrolyze in the presence of water to: acetic acid. Upon completion of the curing process, these hydrolysis products are no longer released. Other ingredients which may be harmful: Octamethylcyclotetrasiloxane.
  - The acute toxicity of octamethylcyclotetrasiloxane is (IUCLID):
    - Toxicity to fish - LC50/96h/Brachydanio rerio == > 500 mg/L
    - Toxicity to daphnia - EC50/24h/ Daphnia magna (Water flea)= 25.2 mg/L
- Persistence and degradability** :
- The product itself has not been tested. Contains: Octamethylcyclotetrasiloxane. Octamethylcyclotetrasiloxane has a half-life in water of 37.5 days (Canadian Environmental Protection Agency). Octamethylcyclotetrasiloxane has a half life in sediment of > 728 days (Canadian Environmental Protection Agency).
- Bioaccumulation potential** :
- The product itself has not been tested. Contains: Octamethylcyclotetrasiloxane. Octamethylcyclotetrasiloxane has a bioconcentration factor (BCF) in fish (fathead minnows) of 12,400 (IUCLID).
- Mobility in soil** :
- The product itself has not been tested.
- Results of PBT and vPvB assessment** :
- This preparation contains substances considered to be very persistent and very bioaccumulating (vPvB). Contains: Octamethylcyclotetrasiloxane. The final vPvB assessment of Octamethylcyclotetrasiloxane within the European Union is currently being evaluated.
- Other Adverse Environmental effects** :
- None known.
- Water contaminating class (Germany)** :
- 1 (self classified)

## SECTION 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods:

- Handling for Disposal** :
- Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.





Parker Hannifin France SAS  
Etablissement de Saint Ouen l'Aumône-PA du vert  
Galant-6/8 avenue du Vert  
Galant-95310 Saint Ouen l'Aumône-France  
Telephone: +33 (01) 34 32 39 00

Silver-Filled Silicone RTV

Product code(s): 72-00002; 72-00229; 72-00155; 72-00359; 72-00112F; 72-00115;  
72-00146B; 72-00146C; 72-00182; 72-00338; 72-11004; 72-00309; 72-90016

SDS Revision Date (dd/mm/yyyy): 27/11/2012




Page 9 of 11

## SAFETY DATA SHEET

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

**Methods of Disposal** : Dispose of in accordance with the European Directives on waste and hazardous waste. Waste must be classified and labelled prior to recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

### SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
ADR/RID	None	not regulated	Not regulated	none	
EU ADR/RID Classification Code	Not applicable.				
EU ADR / RID Hazard Identification Number	Not applicable.				
ADR/RID Additional information	Not classified as dangerous for conveyance in the meaning of the regulations for the transport of dangerous goods by road and rail.				
ICAO/IATA	None	Not regulated.	Not regulated	none	
ICAO/IATA Additional information	None.				
IMDG	None	Not regulated.	Not regulated	none	
IMDG Additional information	None.				

**Special precautions for user** : Appropriate advice on safety must accompany the package.

**Environmental hazards** : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

: Not applicable.

### SECTION 15. REGULATORY INFORMATION

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

1. Substances presenting a health or environmental hazard within the meaning of Directive 67/548/EEC.
2. Classification according to European directive on classification of hazardous preparations 1999/45/EC.
3. This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
4. In accordance with the legislation of the United Kingdom.
5. German legislation on water endangering substances VwVwS (see Section 12) .

**Chemical safety assessment** : A chemical safety assessment has not been carried out by the Manufacturer of this product.



Silver-Filled Silicone RTV

Product code(s): 72-00002; 72-00229; 72-00155; 72-00359; 72-00112F; 72-00115;  
72-00146B; 72-00146C; 72-00182; 72-00338; 72-11004; 72-00309; 72-90016

SDS Revision Date (dd/mm/yyyy): 27/11/2012

Page 10 of 11

## SAFETY DATA SHEET

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

### SECTION 16. OTHER INFORMATION

**Legend** : ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
CAS: Chemical Abstract Services  
EC: European Community  
EEC: European Economic Community  
EINECS: European Inventory of Existing Commercial chemical Substances  
EN: European Standard  
EU: European Union  
HSDB: Hazardous Substances Data Bank  
IATA: International Air Transport Association  
IBC: Intermediate Bulk Container  
ICAO: International Civil Aviation Organisation  
IMDG: International Maritime Dangerous Goods  
IUCLID: International Uniform Chemical Information Database  
LC: Lethal Concentration  
LD: Lethal Dose  
OEL: National occupational exposure limits  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail  
RTECS: Registry of Toxic Effects of Chemical Substances  
SDS: Safety Data Sheet  
STEL: Short Term Exposure Limit  
TWA: Time Weighted Average  
WEL: Workplace Exposure Limit

**Information Source** : 1. Material Safety Data Sheet from manufacturer.  
2. Canadian Centre for Occupational Health and Safety, CCInfoWeb Databases, 2012 (Chempendium, RTECs, HSDB, INCHEM).  
3. European Chemicals Bureau, Existing Chemicals Work Area, EINECS Information System, 2012.  
4. European Chemicals Agency, Classification Legislation, 2012.  
5. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2012.

**Preparation Date (dd/mm/yyyy)**

: 21/01/2009

**Reviewed Date SDS (dd/mm/yyyy)**

: 27/11/2012

**Revision No.**

: 2

**Revision Information**

: (M)SDS sections updated:  
2. HAZARDS IDENTIFICATION;  
3. COMPOSITION/INFORMATION ON INGREDIENTS;  
4. FIRST AID MEASURES;  
6. ACCIDENTAL RELEASE MEASURES;  
7. HANDLING AND STORAGE;  
9. PHYSICAL AND CHEMICAL PROPERTIES;  
10. STABILITY AND REACTIVITY;  
11. TOXICOLOGICAL INFORMATION;  
12. ECOLOGICAL INFORMATION;  
14. TRANSPORT INFORMATION;  
15. REGULATORY INFORMATION



Parker Hannifin France SAS  
Etablissement de Saint Ouen l'Aumône-PA du vert  
Galant-6/8 avenue du Vert  
Galant-95310 Saint Ouen l'Aumône-France  
Telephone: +33 (01) 34 32 39 00

Silver-Filled Silicone RTV

Product code(s): 72-00002; 72-00229; 72-00155; 72-00359; 72-00112F; 72-00115;  
72-00146B; 72-00146C; 72-00182; 72-00338; 72-11004; 72-00309; 72-90016

SDS Revision Date (dd/mm/yyyy): 27/11/2012

Page 11 of 11

## SAFETY DATA SHEET

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

**R-Phrases (Full text)** : R10 - Flammable.  
R22 - Harmful if swallowed.  
R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.  
R34 - Causes burns.  
R35 - Causes severe burns.  
R40 - Limited evidence of a carcinogenic effect.  
R43 - May cause sensitization by skin contact.  
R53 - May cause long-term adverse effects in the aquatic environment.  
R62 - Possible risk of impaired fertility.  
Refer to section 2 for additional R phrases not listed here.

### Other special considerations for handling

: Provide adequate information, instruction and training for operators.

<b><u>Prepared for:</u></b> Parker Hannifin Corp. 77 Dragon Court Woburn, MA, USA 01888 Telephone: 001-781-935-4850 <a href="http://www.parker.com">http://www.parker.com</a> Direct all enquiries to Parker Hannifin.	
<b><u>Prepared by:</u></b> ICC The Compliance Center Inc. <a href="http://www.thecompliancecenter.com">http://www.thecompliancecenter.com</a>	

## DISCLAIMER

This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by Parker Hannifin Corporation and CCOHS' Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and Parker Hannifin Corporation expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and Parker Hannifin Corporation.

END OF DOCUMENT