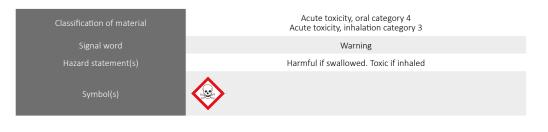
1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Detail : Application of the substance / the preparation: Manufacturer / supplier: 5751 Conductive fluorosilicone elastomer Gasket material Holland Shielding Systems B.V. Jacobus Lipsweg 124 3316 BP Dordrecht the Netherlands Ph: +31(0)78- 204 90 00 Fax: +31(0)78- 204 90 08 www.hollandshielding.com info@hollandshielding.com

2. HAZARDS IDENTIFICATION



Precaution(s)			
General Not applicable			
Prevention	Obtain special instructions before use Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required		
Response	if exposed or concerned: get medical attention		
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.		
Disposal	P501 dispose of contents and container in accordance with all local, regional, National and international regulations		
Other hazards	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Silver in the form of a finely divided dust may cause discoloration in contat with skin, and argyrosis in case of inhalation.		
Unknown toxicity ingredients	None known		

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Silver aluminum filled fluorosilicone	
Common name	5751	
Components	CAS number approx	WT. %
Aluminum	7429-90-5	50-60
Silver	7440-22-4	10-20
Fluoropropylmethylvinylpolysiloxa	ne 63148-56-1	20-40

4. FIRST AID MEASURES

	Necessary measures
Eyes	Rinse with plenty of water for 15 minutes
Skin	Wash well with soap and water
Ingestion	Drink a glass of water or milk and seek medical attention
Inhalation	Remove to fresh air
Polytician data: 10.05.2015	

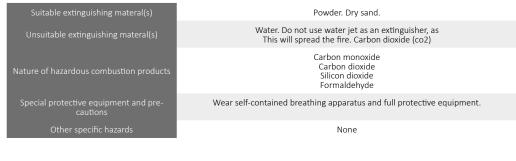
www.hollandshielding.com

Ph: +31(0)78 - 204 90 00 **Fax:** +31(0)78 - 204 90 08

Material Safety Data Sheet

Symptoms, acute and delayed			
Eyes	May cause mild eye irritation		
Skin	May cause mild irritation		
Ingestion	May be harmful if swallowed		
Inhalation	None known		
Indication of medical attention and treatment needed			
Eyes	Irritation occurs		
Skin	Irritation occurs		
Ingestion	Irritation occurs		
Inhalation	Irritation occurs		
Notes to physician	None		

5. FIREFIGHTING MEASURES



6. ACCIDENTAL RELEASE MEASURES

Personal precautions	General cleanliness
Protective equipment	None
Emergency procedures	None. Clean area
Methods and materials for contaimination and clean up	Scrape, sweep, or gather up material and put in a container for disposal. Bury in a licensed landfill in accordance with federal, state and local Regulations.

7. HANDLING AND STORAGE

Precautions for safe handling			
Respiratory protection	None cloth or rubber gloves		
Eyes and face	Safety glasses		
Gloves	None cloth or rubber gloves		
Engineering controls	None		
Conditions for safe storage	Store at ambient temperatures, preferably 65°-85° F		
Imcompatabilities	None		

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA permissible exposure limit				
Component	Туре	Value	Form	
Aluminum	pel	5mg/m3	Respirable dust	
	Pel	15 mg/m3	Total dust	
Silver	pel	0.01mg/m3	Dust and fume	
Engineering controls Exhaust ventilation during cure.				

Individual protection measures, equipment		
Eyes and face	Safety glasses	
Gloves	Cloth or rubber	
Respiratory protection	None	

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.)	Tan solid
Odor	Essentially odorless
Odor threshold	Not available
Ph	Not available
Melting point	Not available
Freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	Not available
Evaporation rate	<1
Flamability (solid, gas)	Not available
Upper flammability limit	Not available
Lower flammability limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	~2000
Solubility(ies)	Insoluble in water. Somewhat soluble in toulene.
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available

10. STABILITY AND REACTIVITY

Reactivity	Low
Chemical stability	High
Stabilizers present	None
Possibility of hazardous reactions	Low
Conditions to avoid (static, vibration)	None
Incompatible materials	Ammonia. Fluorine. Chlorine
Hazardous decomposition products	None
Visual evidence of decomposition	None

11. TOXICOLOGICAL INFORMATION

	Likely routes of exposure
Ingestion	Harmful if swallowed
Symptoms related to physical, chemical and toxicological characteristics	Irritation
Delayed and immediate effects	None

		easures of toxicities	
Component		Species	Result
Aluminum	Acute oral Ic50	Rat	>0.888
Silver	Acute dermal	ld50	Rat
	Acute	Oral ld50	Rat

Information about carcinogenicity

This product or one of its ingredients present 0.1% Or more is not listed as a carcinogen or suspected carcinogen by ntp, iarc, or osha.

12. ECOLOGICAL INFORMATION

Eco toxicity	Unknown
Persistance and degradability	Unknown
Bio accumulative potential	Unknown
Mobility in soil	Unknown
Other hazards	None known

13. DISPOSAL CONSIDERATIONS

Waste residues	None known
Safe methods of disposal	Bury in licensed landfill in accordance with federal, state and local regulations.

This product as solid is not a hazardous waste according to 40 cfr 261. Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Un number	None
Un proper shipping names	None
Cfr	None
Tdg	None
lata	None
Transport hazard classes	Not dot regulated
Hmis	Flammability 1 reactivity 0 health 1
Nfpa	Flammability 1 reactivity 0 health 1
Packing group	Not dot regulated
Enviornmental hazards	None known
Transport in bulk	None
Special precautions	None

15. REGULATORY INFORMATION

Dot shipping name	Not dot regulated.		
Dot hazard class	None		
Dot label(s)	None		
Un/na number	None Not regulated by IATA		
Us federal regulations			
Sara hazard class (section 311, 312)	None		
Sara section 302	None		
TSCA	All ingredients in this material are on the TSCA inventory		